

MICHELIN AIRCRAFT TIRE

Aircraft tire Engineering Data





MICHELIN AIRCRAFT TIRE



Introduction

Michelin manufactures a wide variety of sizes and types of tires to the exacting standards of the aircraft industry. The information included in this Data Book has been put together as an engineering and technical reference to support the users of Michelin tires. The data is, to the best of our knowledge, accurate and complete at the time of publication.

To be as useful a reference tool as possible, we have chosen to include data on as many industry tire sizes as possible. Particular sizes may not be currently available from Michelin. It is advised that all critical data be verified with your Michelin representative prior to making final tire selections.

The data contained herein should be used in conjunction with the various standards ; T&RA¹, ETRTO², MIL-PRF-5041³, AIR 8505 - A⁴ or with the airframer specifications or military design drawings. For those instances where a contradiction exists between T&RA and ETRTO, the T&RA standard has been referenced. In some cases, a tire is used for both civil and military applications. In most cases they follow the same standard. Where they do not, data for both tires are listed and identified.

The aircraft application information provided in the tables is based on the most current information supplied by airframe manufacturers and/or contained in published documents. It is intended for use as general reference only. Your requirements may vary depending on the actual configuration of your aircraft. Accordingly, inquiries regarding specific models of aircraft should be directed to the applicable airframe manufacturer.

1. T&RA: Tire and Rim Association.

2. ETRTO: European Tyre and Rim Technical Organization.

3. MIL-PRF-5041: Military Specification for Aircraft Tires.

4. AIR 8505-A: French Civil and Ministry of Defense Certification Standards for Aircraft Tires.

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Tire construction

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ENGINEERING AND TECHNICAL INFORMATION

AIRCRAFT TIRE CONSTRUCTION

As a function of its purpose, an aircraft tire must withstand a wide range of operational conditions. When on the ground, it must support the weight of the aircraft. During taxi, it must provide a stable cushioned ride while resisting heat generation, abrasion and wear. At take-off, the tire structure must be able to endure not only the aircraft load but also the forces generated at high angular velocities. Landing requires the tire to absorb impact shocks while also transmitting high dynamic braking loads to the ground. All of this must be accomplished while providing a long, dependable, reliable, service life.

These extreme demands require a tire which is highly engineered and manufactured to precise conditions. For this reason, tires are designed as a composite of various rubbers, fabric and steel products. Each of the components serves a very specific function in the performance of the tire.

To meet the aircraft demands of today and tomorrow, Michelin designs and produces different and distinct tire constructions. The conventional cross-ply or BIAS tire, the ORION™ BIAS (unique to Michelin), and the RADIAL tire. Both nomenclatures (BIAS and RADIAL) describe the angular direction of the carcass plies.

While many of the components of a bias or radial tire have the same terminology, the carcass ply angles are not the only difference between a bias constructed tire and a radial constructed tire. The technologies utilized are quite different, involving different design parameters, compounds, and materials.

THE TREAD

refers to the crown area of the tire in contact with the ground. Most Michelin tires are designed with circumferential grooves molded into the tread area. These grooves help to improve adhesion with the ground surface and provide a mechanism to channel water away from the area between the tire and runway surface. This reduces the occurrence of hydroplaning on wet runways.

The tread compound is formulated to resist wear, abrasion, cutting, cracking and heat buildup. It prolongs the life of the casing by protecting the underlying carcass plies.

THE UNDERTREAD

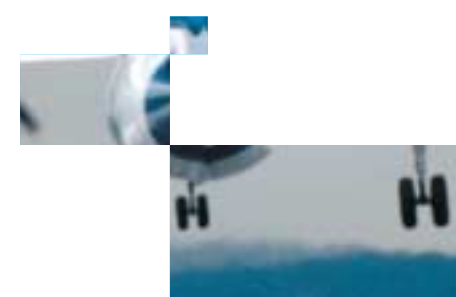
is a layer of specially formulated rubber designed to enhance the bonding between the tread reinforcement / protector plies and the carcass body. For those tires designed to be retreaded, this rubber layer will be of sufficient thickness to act as the interface for buffing the old tread assembly, as well as the liaison with the new retread products.

A CARCASS PLY

consists of fabric cords sandwiched between two layers of rubber. Today, the most common fabric cord is nylon. The carcass body itself is made from multiple layers of carcass plies, each one adding to the strength and load bearing capability of the tire. The carcass plies are anchored by wrapping them around bead wires, thus forming the PLY TURN-UPS.

FOR BIAS constructed tires, the carcass plies are laid at angles between 30° and 60° to the centerline or direction of rotation of the tire. Succeeding plies are laid opposite to each other, with cords running diagonally to provide balanced strength.

FOR RADIAL constructed tires, the carcass plies are laid at an angle approximately 90° to the centerline or direction of rotation of the tire. Each successive layer is laid at this same angle. Radial constructed tires of the same size have a fewer number of plies than do tires of a bias construction because the radial design enables each component of the tire to be optimized independently.



Products Unique to the BIAS TIRE

THE TREAD REINFORCEMENT PLY

consists of single or multiple layers of a special nylon fabric and rubber laid midway beneath the tread grooves and top carcass ply. These piles help to strengthen and stabilize the crown area by reducing tread distortion under load and to increase high speed stability. They also offer a resistance to tread puncture and cutting and help to protect the carcass body.

BREAKER PLIES

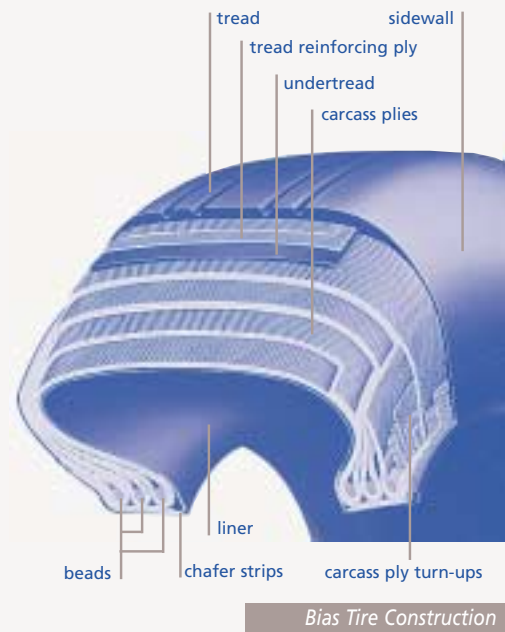
(not shown) are sometimes used to reinforce the carcass in the tread area of the tire.

FABRIC TREAD

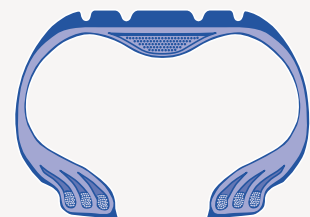
(not shown) is a unique development for application in high speed military aircraft. Multiple plies of nylon cord are layered throughout the tread stock, reducing rubber distortion under load and high speeds, thus reducing heat normally generated by flexing. The laminates also control the formation of high speed "standing waves". Cut and puncture resistance is also a benefit of this type of construction.

ORION™ TECHNOLOGY

is a development unique to Michelin Bias construction. It consists of a circumferential CROWN REINFORCEMENT placed on the inside of the tire. This CROWN REINFORCEMENT strengthens and provides a more uniform pressure distribution (flatter shape) in the footprint SLOWING THE RATE OF WEAR, improving landings performance in a lighter tire design. Shoulder wear is also reduced due to the small difference in circumference between the center of the tread and the shoulder.



Bias Tire Construction



ORION™ technology

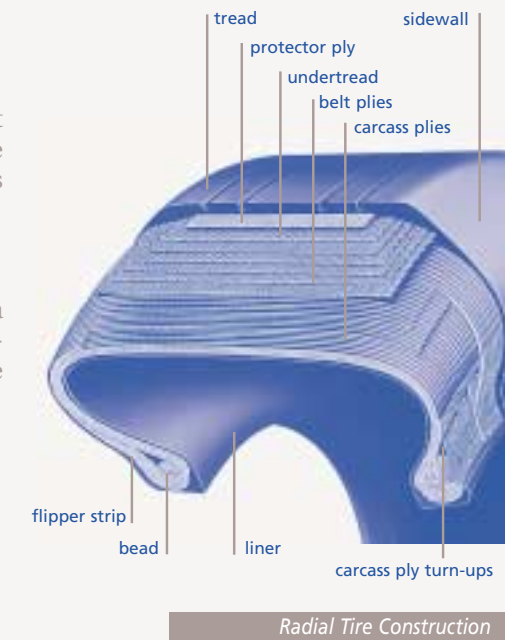
Products Unique to the RADIAL TIRE

THE PROTECTOR PLY

when present, is placed in the crown area just below the tread rubber. It provides cut resistance protection to the underlying belts and carcass plies.

BELT PLIES

(Binding layers) are laid between the tread area and top carcass ply. They restrain the outer diameter of the tire, providing a flatter tread surface with greater resistance to squirm and wear.



Radial Tire Construction

Tire construction

THE BEADS

or bead wires anchor the tire to the wheel. They are fabricated from steel wires layered together and embedded with rubber to form a bundle. The bundle is then wrapped with rubber coated fabric for reinforcement.

Depending on the size and design application, BIAS tires are constructed with 2 to 6 total bead bundles (1 to 3 per side). In contrast, RADIAL constructed tires have 2 bead bundles (1 on each side) regardless of tire size.

CHAFFER STRIPS

are strips of protective fabric laid over the outer carcass plies in the bead area of the tire. Their purpose is to protect the carcass plies from damage when mounting or dismounting and to reduce the effects of wear and chafing between the wheel and the tire bead.

THE LINER

in tubeless tires is a layer of rubber specially compounded to resist the permeation of nitrogen and moisture through to the carcass. It is vulcanized to the inside of the tire and extends from bead to bead.

In tube-type tires, a different, thinner liner material is used to protect the carcass plies from moisture and tube chafing, but is generally insufficient to maintain air retention.

THE SIDEWALL

is a rubber cover over the side of the carcass plies. Its purpose is to protect the cord plies. In addition, the sidewall rubber contains anti-oxidants. They are slowly released over time to protect the tire from ultraviolet and ozone attack, which causes rubber cracking.

CHINE TIRES

The "chine" tire is a nose wheel tire designed to deflect water and slush to the side and away from engine intakes. It was primarily developed for aircraft with rear-mounted jet engines.

It consists of a flared upper sidewall protrusion which deflects the spray pattern of water or slush emitted from the tire contact with the runway. A tire can consist of a single chine (one sidewall flared) for dual nose wheel tire configurations or double chines (both sidewalls flared) for single nose wheel tire configurations.

The chined tire is now in use as standard equipment on many commercial jets. It is fully retreadable and may be used on any aircraft, provided adequate clearance is available.



Single Chine Tire



Dual Chine Tire



Aircraft tire types

Aircraft tires have typically been classified into different categories or “TYPES”. This type designation was used in addition to the size, ply rating and speed rating to describe the tire. It has been useful in categorizing tires of similar design/performance characteristics. Through the years there have been nine different types of aircraft tire designations. Today only four are still manufactured, TYPES I, III, VII and the Three Part Nomenclature.

TYPE I
 TYPE I category tires are primarily for aircraft with non-retractable landing gear. The design of TYPE I tires is no longer active. Information is provided in this data book as a reference.

Size designation is as follows:

M where: M= Nominal overall diameter in inches
Examples: 8.00”
 33”
 56”

TYPE III
 TYPE III tires are generally used for low pressure service providing a larger footprint or “flotation” effect. Tires have smaller rim diameters relative to the overall diameter as compared to other TYPE designs. While some military exceptions exist, speeds are generally limited to 160 mph or less. Standard deflection is 35% + 1, - 4 (see definition under the section ‘Aircraft Tire Dimensioning’).

Size designation is as follows:

N - D where : N= Nominal section width in inches
 D= Rim diameter in inches
Examples: 5.00 - 5
 8.50 - 10
 20.00 - 20

TYPE VII
 TYPE VII are high pressure tires widely used on jet aircraft. Section widths are generally narrower than other TYPES. Standard deflection is 32% + 3, - 4.

Size designation is as follows:

M x N where: M= Nominal overall diameter in inches
 N= Nominal section width in inches
Examples: 16 x 4.4
 26 x 6.6
 49 x 17

NOTE: in the data section of this manual, TYPE VII and THREE PART NOMENCLATURE tire sizes have been grouped together.





Aircraft tire types

THREE PART NOMENCLATURE

The Three Part Nomenclature is designated as follows:

M x N - D or M x N R D where: M= Nominal overall diameter
N= Nominal section width
D= Rim diameter

The tire nominal section width is separated from the tire rim diameter by a "-" for bias tires; by an "R" for radial tires. The "-" and "R" are sometimes referred to as a construction code. These tires are designed for the high speed/high load aircraft of today.

The different possible THREE PART NOMENCLATURES are presented here.

BIAS TIRES:

1) INCH Code with size designations (M & N) given in inches, rim designations (D) in inches:

Standard deflection is 32% +3,-4 except for H type tires and tires with a speed rating less than 160 mph, which have a 35% rated deflection +1,-4.

Examples: 17.5 x 5.75 - 8
H44.5 x 16.5 - 20
49 x 19.0 - 20

2) METRIC Code with tire size designations (M & N) given in millimeters, rim designations (D) in inches:

Examples: 380 x 150 - 4
670 x 210 - 12

RADIAL TIRES:

Radial tires are designed to meet a Static Loaded Radius requirement and not a given percent deflection, as for bias tires.

1) INCH Code with tire size designations (M & N) given in inches, rim designations (D) in inches:

Examples: 30 x 8.8 R 15
46 x 17.0 R 20

2) METRIC Code with tire size designations (M & N) given in millimeters, rim designations (D) in inches:

Examples: 360 x 135 R 6
1400 x 530 R 23

SPECIAL DESIGNATIONS:

Some tire designations are preceded by the letters B, C or H.

B tires have a rim width to tire section ratio of 60% to 70% and a 15° bead taper.

H type tires are the same, except they have a 5° bead taper.

Standard deflections for B and H type tires is 35% +1,-4

The C designates a cantilever type tire. It has a very narrow rim width, a section ratio less than 60% and a 15° bead taper.

This tire designation is of limited use today.

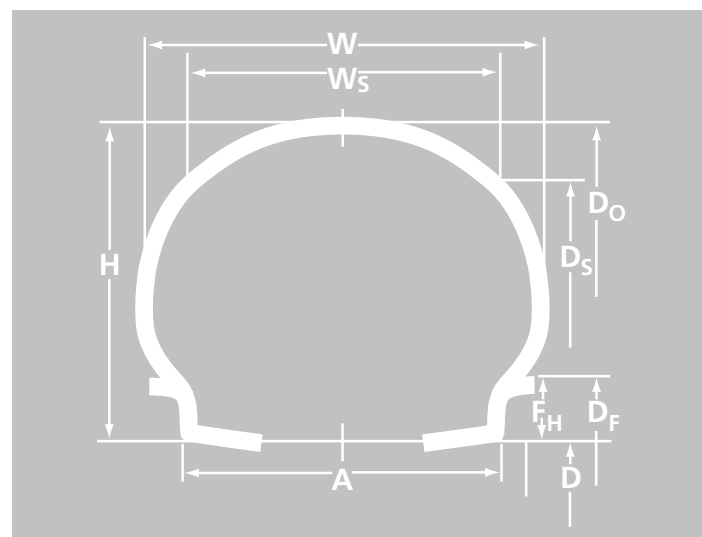




Aircraft tire dimensioning

INFLATED TIRE DIMENSIONS

All dimensions are at rated tire pressure.



- * Do: Outside Diameter
- ** Dg: Maximum Grown Overall Diameter
- * W: Cross Section Width
- ** Wg: Maximum Grown Section Width
- * Ds: Shoulder Diameter
- ** Dsg: Maximum Grown Shoulder Diameter
- * Ws: Shoulder Width
- ** Wsg: Maximum Grown Shoulder Width
- * H: Section Height
- * Hs: Shoulder Height
- * A: Width between Rim Flanges
- D: Specified Rim Diameter
- Fh: Rim Flange Height
- Df: Rim Flange Diameter
- * Dimensions of new, unused inflated tire (after 24 hours)
- ** Dimensions of new, grown inflated tire (after 50 TSO take-off cycles).

CALCULATIONS

$W_s = 0.90 \times W$
 $= 0.88 \times W$ or $0.84 \times W$ for some military applications.
 $H_s = 0.90 \times H$
 $= 0.82 \times H$ for some military applications.

$$H = (D_o - D) / 2$$

$$H_s = (D_s - D) / 2$$

$$\% \text{ Deflection} = \frac{2d}{D_o - D_f} \times 100$$

where: d= deflection (difference between loaded and unloaded section heights),
 $D_f = D + 2F_h$

BIAS NEW:

BIAS constructed tires are designed to specific norms for overall diameter and percent deflection, which in essence defines the Static Loaded Radius of the Static Loaded Radius of the tire:

$$SLR = (D_M / 2) - \% \text{ Deflection} \times (D_M - D_f) / 2$$

where: $D_f = D + 2F_h$

$$D_M = \text{Mean Overall Diameter} = (D_o \text{ MAX} + D_o \text{ MIN}) / 2$$

$\% \text{ Deflection} =$ 35% for TYPE III
 35% for B&H TYPE
 35% for tires rated 160mph or less
 32% for all other types

RADIAL NEW:

RADIAL constructed tires are designed to a maximum grown overall dimension and a grown SLR.

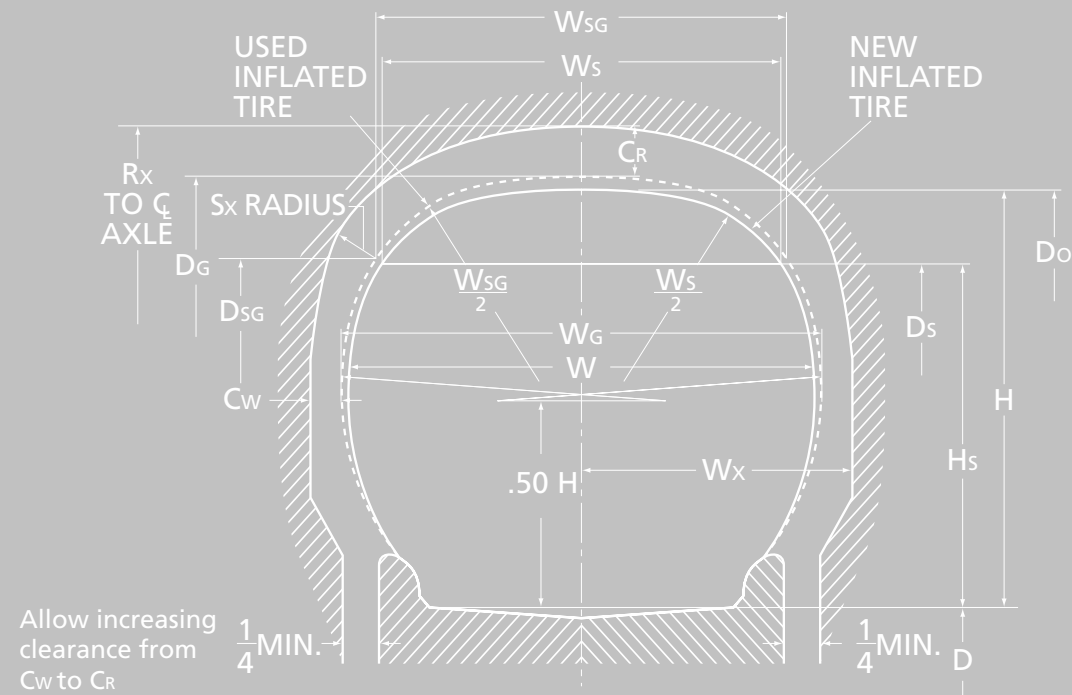
$$SLR_G = (D_G / 2) - \% \text{ Deflection} \times (D_M - D_f) / 2$$

where: % Deflection is between 24% and 33% depending on the tire design.

Therefore, the percent deflection of the RADIAL tire will not necessarily be the same as the percent deflection of the BIAS tire. What is important is that the SLR of the two types of tires are the same when designed for the same application. This approach allows radial and bias tires designed for the same application to be mixable.



AIRCRAFT TIRE GROWTH



NOTE: Radii $W_s/2$ and $W_{SG}/2$ are drawn through their respective shoulder points tangent to D_o and D_g . Radii below the shoulder points pass through the shoulder points and are tangent to W and W_g respectively.

Aircraft tire dimensioning

GROWTH FACTORS:

The maximum grown tire dimensions can be calculated using the formulae given below. They allow for the stretch of the nylon carcass fabric encountered during service.

NOTE: Dimensions W and W_g include all protective side ribs, branding lettering, bars and decorations.

- 1) Use maximum new tire dimensions from the DATA tables
- 2) Use the growth factor from the Growth chart.

$$W_g = G_w W$$

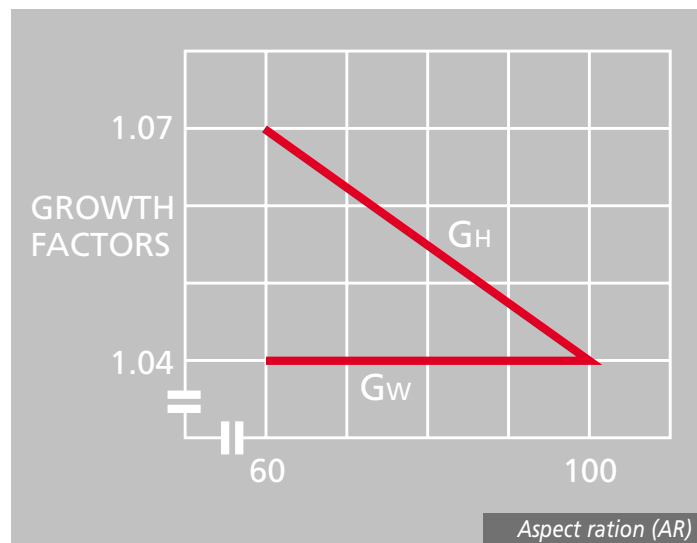
$$D_g = D + 2G_H H$$

$$D_{SG} = D + 2G_H H_s$$

$$W_{SG} = G_w W_s$$

$$H = (D_o - D) / 2$$

$$H_s = (D_s - D) / 2$$



Section Width Growth Factor $G_w = 1.04$
 Section Height Growth Factor $G_H = 1.115 - (.075 \times AR)$



AIRCRAFT TIRE CLEARANCE

Minimum clearance allowances between the tire and adjacent parts of the aircraft should be based on maximum dimensions derived from the tables plus growth due to service, plus increase in diameter due to centrifugal force, and tire deformation above the horizontal centerline due to load.

How To Determine Minimum Clearance Allowance:

- 1) Determine the maximum grown tire envelope (see Aircraft Tire Growth).
- 2) Obtain the radial clearance C_R and lateral C_w from the following formula:

$$C_R = \left[\frac{17.02 + 2.61 (\text{SPEED}/100)^{3.348}}{1000} \right] \times W_g + 0.4$$

Where: SPEED= MPH

$$C_w = (0.19 \times W_g) + 0.23$$

- 3) Calculate the clearances using the following formulae:

$$R_{X \text{ MIN}} = \text{Radial distance from axle centerline to adjacent part} = (D_g / 2) + C_R$$

$$W_{X \text{ MIN}} = \text{Lateral distance from tire centerline to adjacent part} = (W_g / 2) + C_w$$

$$S_{X \text{ MIN}} = \text{Clearance allowed between tire shoulder area and adjacent part} = (C_w + C_R) / 2$$





Aircraft tire ratings

PLY RATING

Ply rating identifies the maximum static load carrying capacity of a given tire and corresponding inflation pressure in a specific type of service. It is important to realize that ply rating is an indicator of tire strength and not necessarily the actual number of carcass plies in the tire. For example, a 26 x 6.6 with a 14 Ply Rating has only 8 carcass plies. The maximum static load and corresponding pressure for a particular ply rating and tire size are determined by calculations as outlined in the Engineering Design information guides of T&RA and ETRTO.

LOAD RATING

It is the maximum permissible load of the tire when at rest.

MAIN WHEEL TIRE:

FAR/JAR 25.733 specifies that for aircraft with a main landing gear axle fitted with more than one wheel, the maximum load capability of a tire be at least 7% greater than the maximum load requirement of the aircraft for that wheel position. Thus an H40 x 14.5-19/22PR tire with a rating of 30,100 lbs. could only be fitted on an aircraft with a tire load requirement up to 28,131 lbs. (30,100/1.07).

NOSE WHEEL TIRE:

All Michelin tires operating in a nose landing gear position are designed to withstand the following maximum loads during braking:

TYPE III: 1.45 x Maximum Static Tire Load

All Other TYPES: 1.50 x Maximum Static Tire Load

INFLATION PRESSURE

All inflation pressures shown in the rating tables are for **unloaded tires at ambient temperature (cold)**. A 3-hour cooling time should be allowed after landing before checking inflation pressure.

UNLOADED CONDITION:

Most tires are put into service at loads less than rated load. In order to maintain the design operating conditions (Static Load Radius) of the tire, the operating inflation pressure is adjusted accordingly. This adjustment is in direct proportion to the rated load and pressure.

For example:

Rated Load	= 30,100 lbs
Rated Pressure	= 180 psi
For a Maximum Operating Load	= 28,430 lbs
Operating Pressure Unloaded	= $\frac{28,430 \times 180}{30,100} = 170 \text{ psi}$

LOADED CONDITION:

Many inflation checks are made while the tire is mounted on the aircraft. Under loaded conditions, the measured pressure of the tire will be a value 4% greater than the unloaded pressure.

Taking the example from above:

Rated Load	= 30,100 lbs
Rated Pressure	= 180 psi
Rated Pressure Loaded = 180 x 1.04	= 187 psi
For a Maximum Operating Load	= 28,430 lbs
Operating Pressure Loaded	= $\frac{28,430 \times 180 \times 1.04}{30,100} = 177 \text{ psi}$

PRESSURE/TEMPERATURE RELATIONSHIP

The relationship between tire temperature and tire pressure is proportional. As the temperature of the tire increases, so will the pressure. The inverse is also true. When the tire temperature is reduced, the pressure will also reduce.

Assuming a constant volume, the relationship for degrees centigrade can be defined as follows:

New Pressure: $P = P_0 \times \frac{(273 + t)}{(273 + t_0)}$ where: P_0 = initial pressure of the tire in BARS or PSI
 P = new pressure of the tire in BARS or PSI
 t_0 = initial tire temperature in °C
 t = new tire temperature in °C





Aircraft tire ratings

Thus, if a tire has an initial pressure of 10.5 bars at 15°C, the tire pressure at 30°C would be:

$$P = 10.5 \times \frac{(273 + 30)}{(273 + 15)} = 11.0 \text{ bars}$$

Assuming a **constant volume**, the relationship for degrees Fahrenheit can be defined as follows:

New Pressure: $P = P_0 \times \frac{(460 + T)}{(460 + T_0)}$ where: P_0 = initial pressure of the tire in BARS or PSI
 P = new pressure of the tire in BARS or PSI
 T_0 = initial tire temperature in °F
 T = new tire temperature in °F

The above calculations make the assumption that the volume of the tire remains constant over the range of temperature change. In reality, because a tire is an elastic body, the volume change can be sufficient to influence the pressure change. Michelin has found that as a general rule, a temperature change of 5°F (3°C) will result in a tire pressure change of approximately 1%.

STATIC LOADED RADIUS

A civil aircraft tire is designed to operate at a specific deflection within its load rating capability. For BIAS tires, the design rules, historically, have been to set overall new tire dimensions and to use the standard deflection (based on tire TYPE) with the result being the Static Loaded Radius (SLR) of the new tire. For the RADIAL tire, the design parameter has been to specify the SLR_G and the overall grown dimensions of the tire (after rolling). The actual, percentage deflection of a RADIAL tire may be different than its BIAS equivalent in order to achieve a specified SLR. However, it is very possible that a new BIAS tire and a new RADIAL tire designed for the same application and stood, unloaded, side by side, would not be of the same overall diameter.

HELICOPTER USE

When aircraft tires are used on helicopters, standard aircraft tire ratings are adjusted by a factor of 1.5 (both rated load and inflation).

The maximum allowable inflation pressure is 1.8 times the rated inflation pressure or 45% of the specified burst pressure, whichever is lower.

The maximum dimensions for new helicopter tires are 4% greater than the maximum aircraft tire dimensions when inflated to the 1.8 factor or 45% of burst inflation pressure. To calculate the maximum dimensions, apply the 4% factor to section height and section width of the tire only (deduct rim diameter).

GROUND USE OF AIRCRAFT TIRES

Because of their apparent high-load capabilities, aircraft tire load ratings may appear attractive for ground vehicle applications. However, aircraft tires are designed specifically for aircraft tire service where high loads and deflections are acceptable because of the relatively short periods of ground roll and intermittent usage. When aircraft tires are inoperative, they have relatively long periods in which to dissipate the heat built up from landing, taxi and take-off operations.

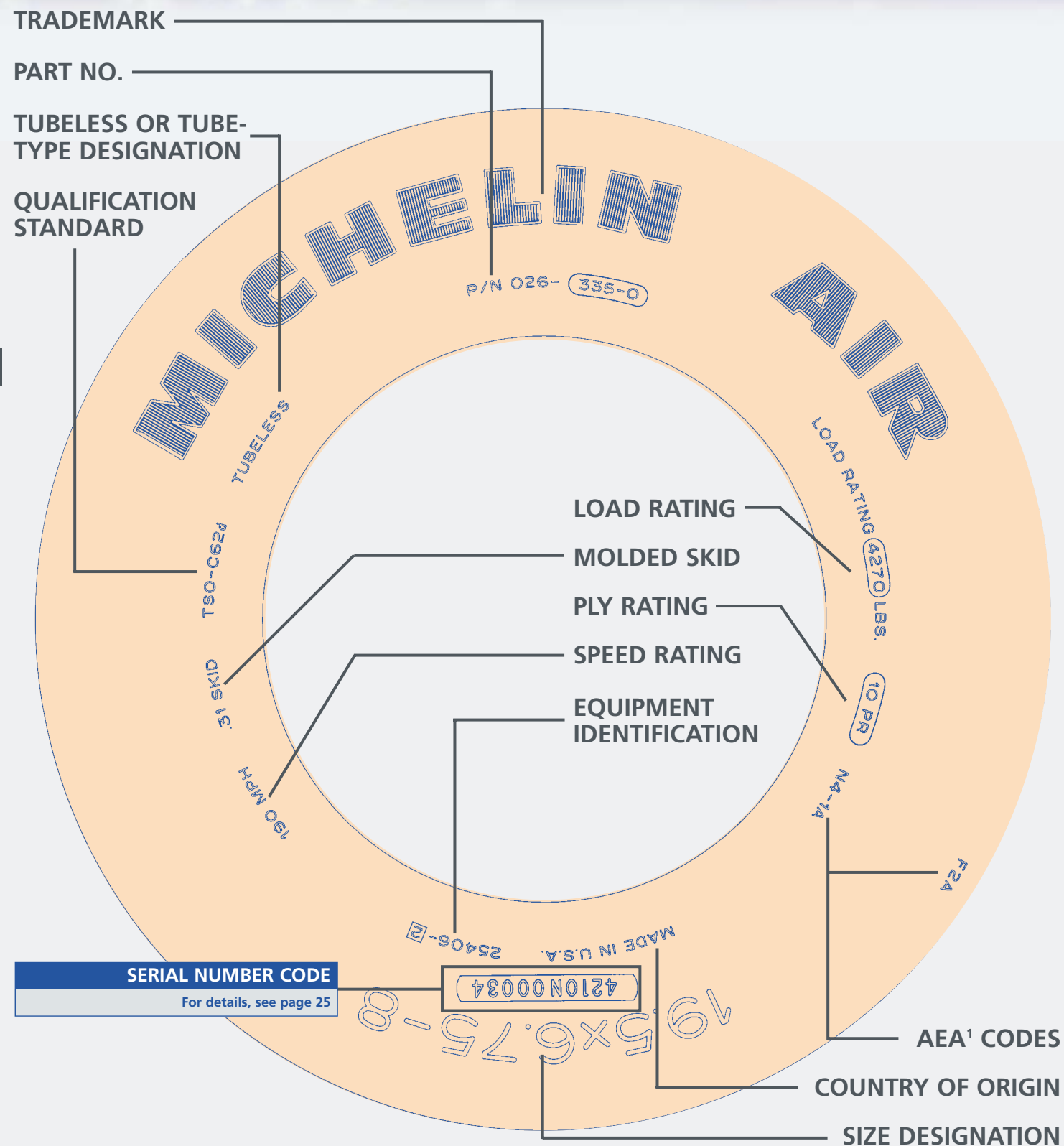
AIRCRAFT TIRES SHOULD NOT BE USED FOR GROUND USE EXCEPT IN SPECIAL CASES WHERE THE INFLATION PRESSURES, SPEEDS, AND LOADS HAVE BEEN RELATED TO SERVICE CONDITIONS BY ENGINEERING ANALYSIS. For ground vehicle applications of aircraft tires, contact your Michelin representative.



Branding

commercial bias tire

typical Michelin branding layout

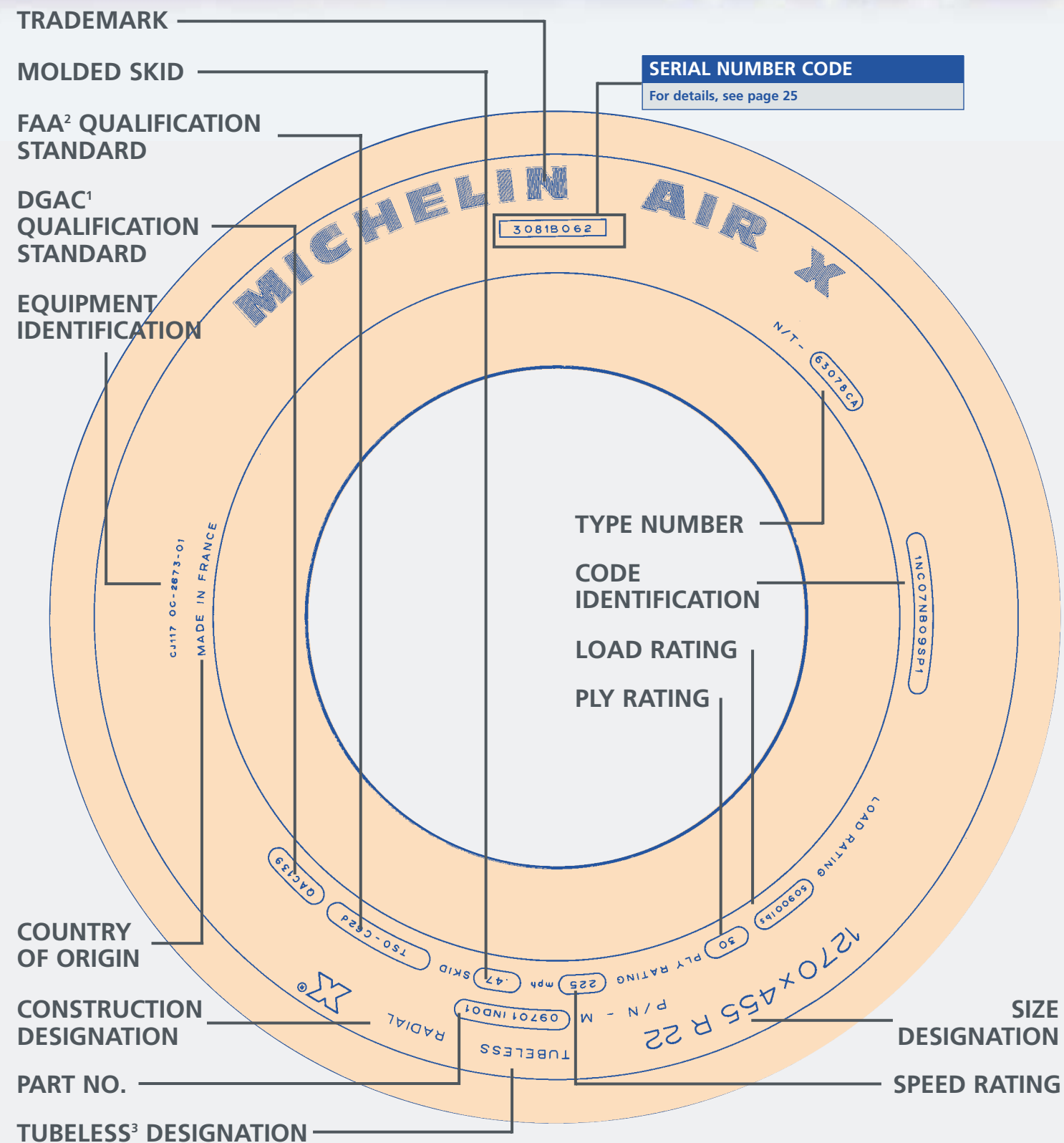


1. AEA: Association of European Airlines

Branding

commercial radial tire

typical Michelin branding layout



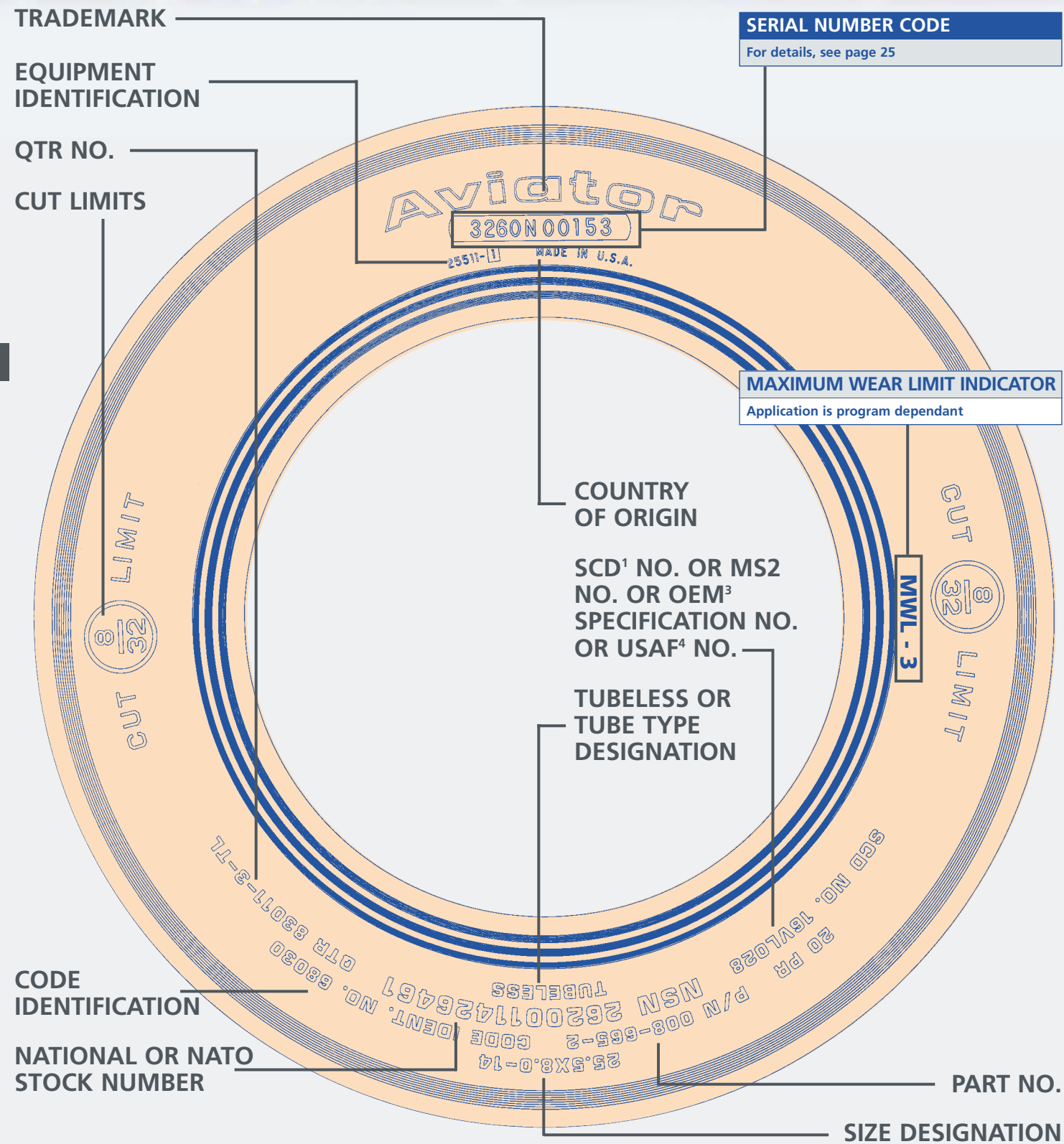
1. DGAC: Direction Générale de l'Aviation Civile / 2. FAA: Federal Aviation Administration / 3. All MICHELIN aircraft radials are tubeless



Branding

military bias tire

typical Michelin branding layout

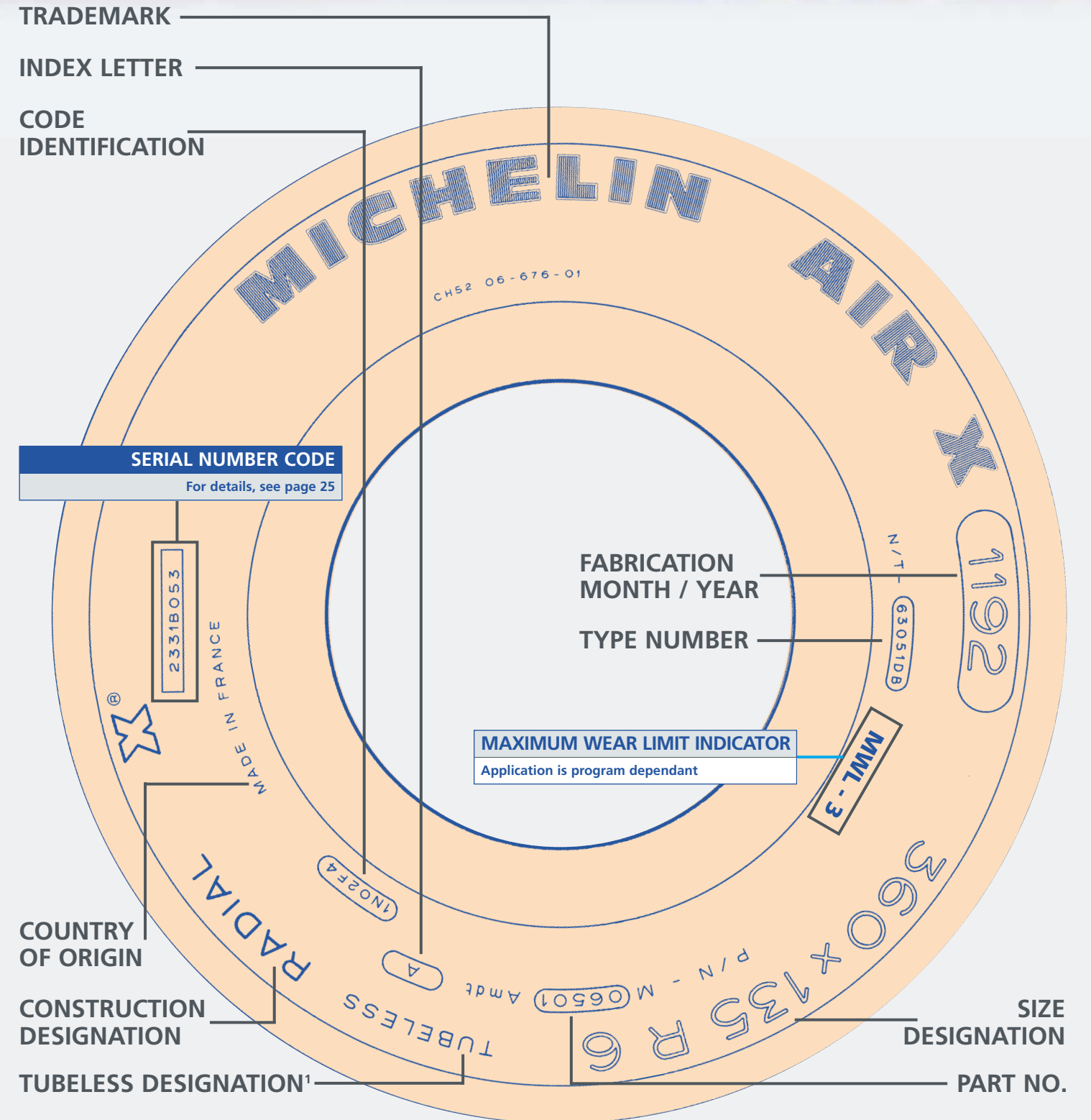


1.SCD: Specification Control Drawing / 2.MS: Military Specification / 3.OEM: Original Equipment Manufacturer / 4. USAF: U.S. Air Force

Branding

military radial tire

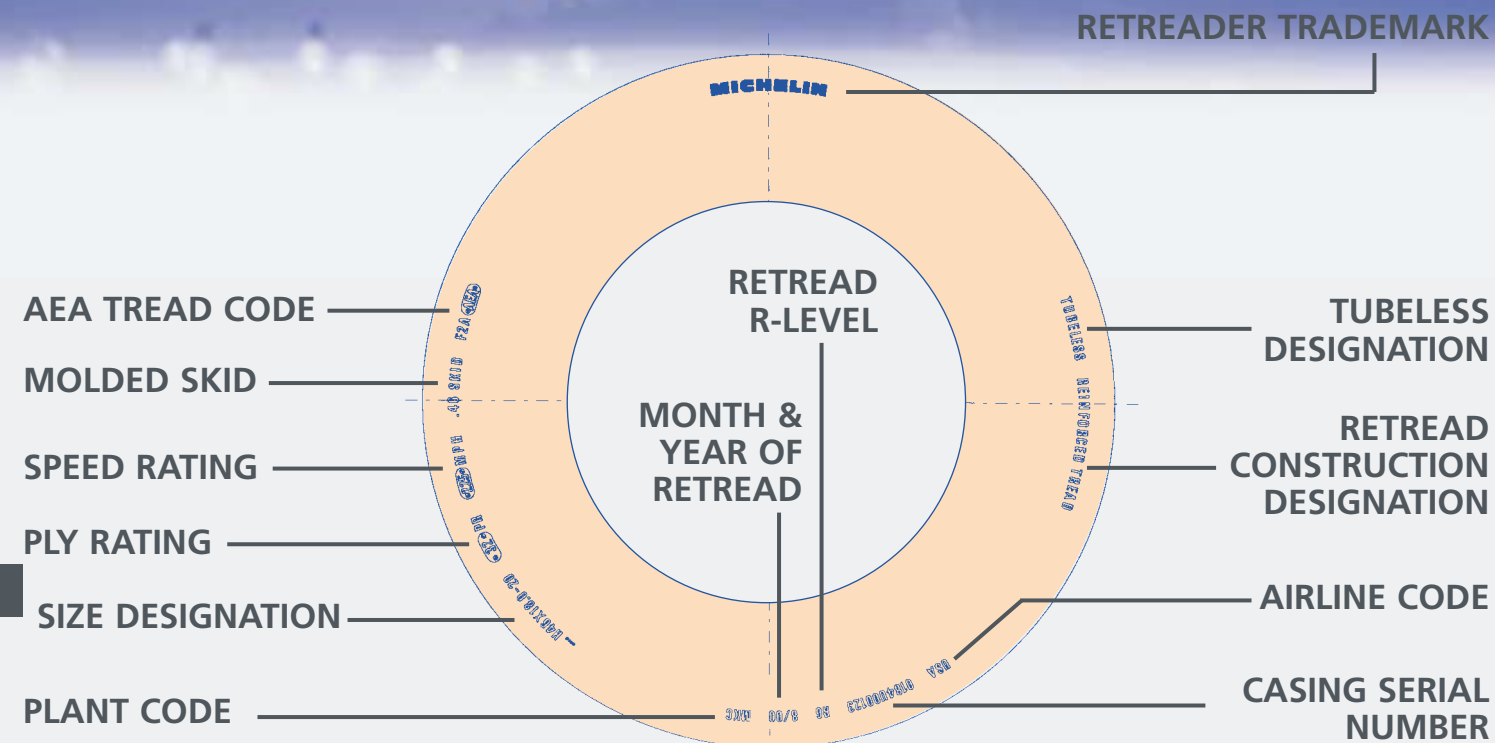
typical Michelin branding layout



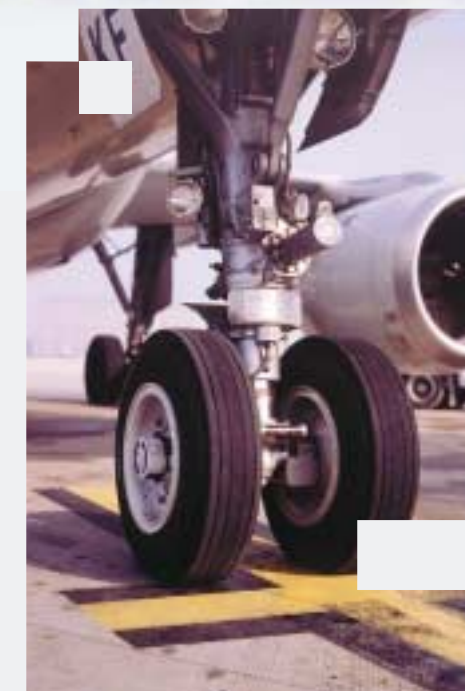
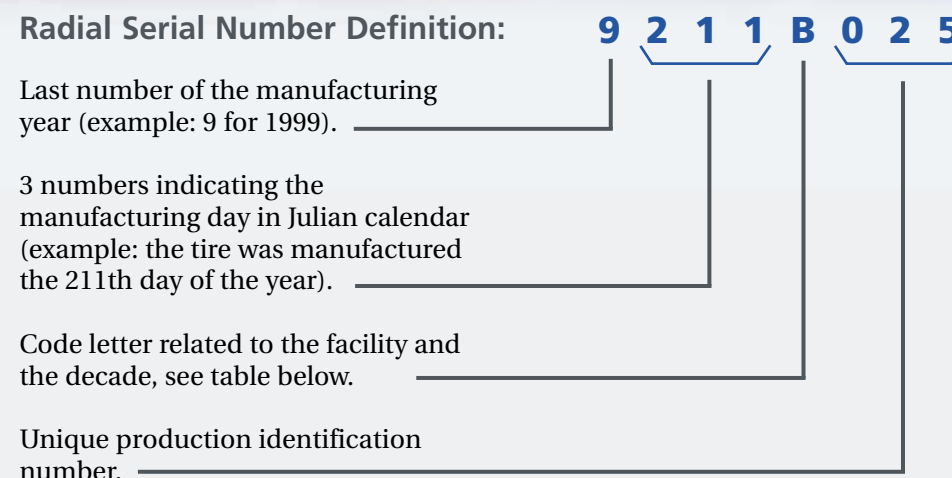
1. All MICHELIN aircraft radials are tubeless



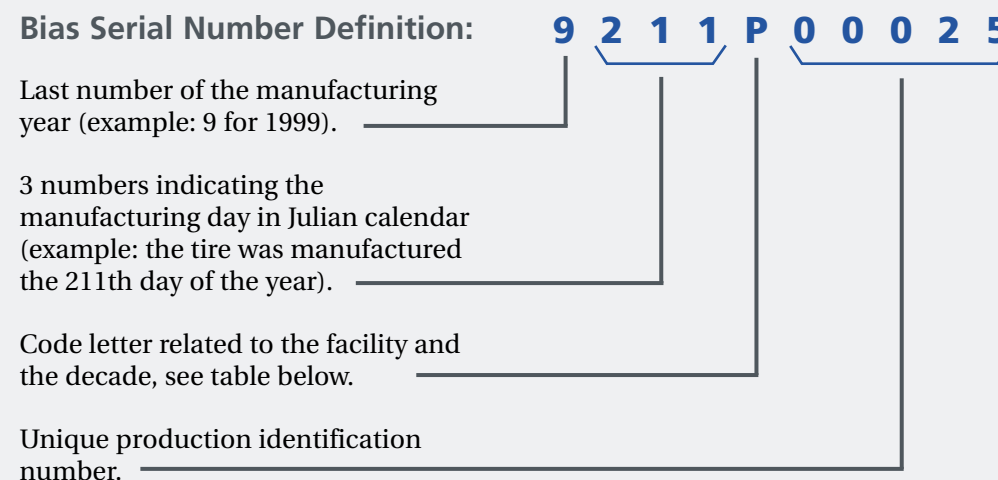
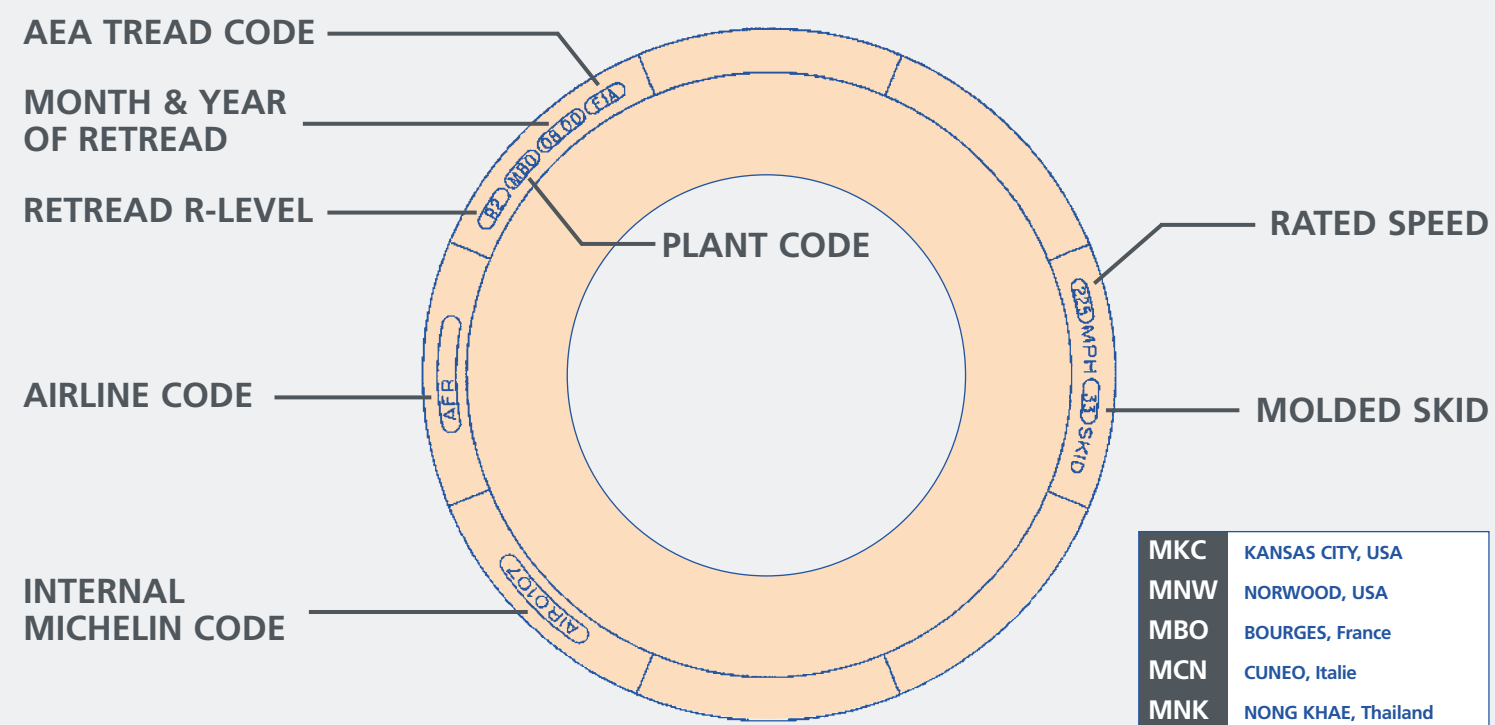
Branding bias retread tire



Michelin tire serial number codes



Branding radial retread tire



Letter signification

The letter code in the tire serial number is used to identify both the manufacturing facility and the decade of manufacture. It follows the rules below:

Manufacturing Facility	Through Dec. 31, 1995 included	From Jan. 01, 1996 to Dec. 31, 1999 included	from Jan. 01, 2000 to Dec. 31, 2009 included
Bourges	B	B	A
Clermont-Ferrand	F	F	G
Greenville	K	K	L
Nong Khae	T	T	W
Norwood	N	P	U



WARNING

AIRCRAFT TIRES CAN BE OPERATED UP TO OR AT RATED INFLATION PRESSURES ; EXTREMELY HIGH INFLATION PRESSURES MAY CAUSE THE AIRCRAFT WHEEL OR TIRE TO EXPLODE OR BURST, WHICH MAY RESULT IN SERIOUS OR FATAL BODILY INJURY.

AIRCRAFT TIRES MUST ALWAYS BE INFLATED FROM THE LOW PRESSURE SIDE, PROPERLY REGULATED, OF ANY INFLATION BOTTLE OR CANISTER.

THE HIGH PRESSURE SIDE SHOULD NEVER BE USED.

THE SAFETY PRACTICES FOR MOUNTING AND DEMOUNTING AIRCRAFT TIRES RECITED IN THE AIRCRAFT TIRE CARE AND SERVICE MANUAL MUST ALWAYS BE FOLLOWED.

RADIUS OF GYRATION

Radius of gyration for new tire and tube assemblies and new tubeless tires is calculated by using the following formulae:

$$\text{Radius of Gyration} = \frac{D_o \text{ MAX} + D_o \text{ MIN}}{5.12}$$

(accuracy ± 5%)

For wheel assemblies including rotating brake parts, calculate radius of gyration values as follows:

$$\text{Radius of Gyration} = 0.40 \times D \text{ where } D \text{ is the Specified Rim Diameter (accuracy } \pm 20\%)$$

MEASURING AIRCRAFT TIRES

For all BIAS tires and for MILITARY RADIAL tires, dimensional data has been given in this Data Book for “New Inflated Tires”. A “New Inflated Tire” is one that has been mounted, allowed to stand for 12 hours minimum (preferably 24 hours) at a stable temperature and then reinflated to the unloaded pressure shown in the applicable table.

For all CIVIL RADIAL tires, dimensional data is given for “Grown Inflated Tires”. A “Grown Inflated Tire” is one that has completed 50 TSO take-off cycles. Tires are allowed to cool to ambient temperature and are inflated to the unloaded pressure shown in the applicable table.

Having met the appropriate conditions from above, the circumference of the inflated, unloaded tire is measured. The diameter is determined by calculation using the following formula:

$$D_o = \frac{\text{Measured Circumference}}{3.14}$$

CHANGES IN PRESSURE VS. TEMPERATURE

For all aircraft applications, the range of ambient air temperature can affect tire performance. It is essential that adjustment be made as each particular case requires. As the ambient temperature increases/decreases, tire pressure also increases/decreases. It must be noted that operating inflation pressure is also a function of load. Changes in tire load must also be considered when adjusting tire pressure.

CAUTION: inflation pressures should only be measured on “cold” tires. A tire is considered “cold” when it has cooled to ambient temperature after rolling. Tires not exposed to direct sunlight will reach ambient temperature within 3 hours after landing.

LOAD AND INFLATION

Operating pressures are set by the airframe manufacturer and given in the Operators’ Manual. They are based on the anticipated loads, center of gravity and dynamic forces. Inflation values are set to avoid deflecting the tire more than its design deflection. The pressure of a loaded tire will be 4% higher than for the same tire unloaded. This is a result of the high deflections and subsequent reduction in volume which occurs when the tire is loaded. All pressure ratings for tires are based on an unloaded tire.

STANDING WAVES

At high speeds and high deflections, aircraft tires may develop a polygonal shape from the formation of standing waves in the sidewall. This condition accentuates heat buildup at high speeds and can lead to tread cracking, chunking or separations. The formation and magnitude of these standing waves is greatly influenced by tire deflection. Proper inflation pressure maintains tire deflection within design limits.

General notes on operating aircraft tires

OPERATING TIRE TEMPERATURES

An aircraft tire in use is capable of generating high internal temperatures. This is a result of the natural hysteretic nature of tire materials and the relatively high tire deflections necessary for the loads carried. The fact that rubber is a poor conductor of heat accentuates this problem. The magnitude of this temperature rise is dependent on the duration of service and the speeds obtained.

Excessive heat buildup from running overloaded or underinflated as well as from high taxi speeds is detrimental to the functional life of the tire. High heat will also adversely affect the wear characteristics of the tread rubber.

It is essential that aircraft tire service be intermittent to allow for cooling periods.

Michelin tires designed for typical applications are not recommended for use in ambient temperatures exceeding 225°F (110°C), or where brake heat results in temperatures which exceed 300°F (150°C) at tire and wheel interface. For temperature conditions outside of these limits, contact your Michelin representative.

All Michelin manufactured Radial aircraft tires are certified for in-service operation to -55°C. Beginning with manufactured date, June 1999, all Michelin Bias aircraft tires are certified for in-service operation to -55°C.

TIRE INFLATION

Proper inflation pressure is essential to tire performance and long term tire life. The maintenance procedures outlined in the airframer Operators’ Manual should be closely followed. In lieu of the Operators’ Manual, the Michelin Aircraft Tire Care and Service Manual should be referenced.

The maximum allowable air loss for tubeless tires is five percent over a 24-hour period. This does not include possible pressure loss during the initial 24-hour period due to tire growth. A newly mounted tire inflated to rated pressure should be allowed to stabilize for a minimum of 12 hours, preferably 24 hours, in a workshop where the temperature is maintained relatively constant. Afterwards, it should be reinflated as necessary to rated pressure before beginning any pressure loss checks. In service, the pressure drop should be a maximum of five percent (5%) for any 24-hour period (constant temperature). If more than five percent pressure drop is indicated for any 24-hour period, a check should be made following the procedures described in the Michelin Aircraft Tire Care and Service Manual.





NOTE:
The data given for certain Bias tires listed in the sections: TYPE III and TYPE VII + THREE PART (INCH CODE) have been converted from Metric units to English units for consistency of presentation. The sizes affected have been identified with an asterisk (*).
Conversion figures used were as follows:
2.204 kg/lb rounded to the nearest 10 lbs.
25.4 mm/inch rounded to the nearest 0.05 inch.
14.5 bars/psi rounded to the nearest psi.

Aircraft tire data

The definitions below describe those terms used in the presentation of the aircraft tire data.

TIRE DESCRIPTIONS

- Size: Nominal overall dimensions describing the size of the tire.
- M: Overall nominal diameter.
- N: Overall nominal section width.
- D: Rim diameter.
- Ply Rating: Maximum static load carrying capacity of a given tire and corresponding inflation pressure. It is an indicator of tire strength and not the actual number of carcass plies in the tire. Where the ply rating has not been identified on the tire, usually the maximum static load and pressure will be given.
- NOTE:** Tires with AEA or AIR 8505-A marking standards will have the actual number of plies coded on the sidewall.

Speed Index: Maximum rated ground speed for the tire at maximum rated load and rated pressure.

APPLICATION RATING

- Max. Loading: Maximum rated load of the tire.
- Inflation Pressure: Maximum rated inflation pressure with tire unloaded.
- Approximate Bottoming Load: The approximate load necessary to fully deflect the tire without compressing the lower sidewall structure against the wheel flange when at rated pressure.

INFLATED TIRE DIMENSIONS

- Dimensions are at rated tire pressure.
- D_o MAX: Maximum overall diameter (New tire inflated).
 - MIN: Minimum overall diameter (New tire inflated).
 - W MAX: Maximum section width (New tire inflated).
 - MIN: Minimum section width (New tire inflated).
 - D_s MAX: Maximum shoulder diameter (New tire inflated).
 - W_s MAX: Maximum shoulder width (New tire inflated).

MAX GROWN INFLATED TIRE DIMENSIONS

NOTE: Grown dimensions are measured on tires having completed 50 TSO take-off cycles, allowed to cool to ambient temperature and inflated to rated pressure.

- D_g: Maximum grown overall diameter (Grown tire inflated).
- W_g: Maximum grown section width (Grown tire inflated).
- D_{sg}: Maximum grown shoulder diameter (Grown tire inflated).
- W_{sg}: Maximum grown shoulder width (Used tire inflated).

ASPECT RATIO

Ratio of the mean section height to the mean section width.

STATIC LOADED RADIUS

- At Rated Load: Distance from the center of the axle to the tread surface when at rated load and pressure.
- At Bottoming Load: Distance from the center of the axle to the tread surface when the tire is fully deflected against the rim.

RIM DESCRIPTIONS

- A: Interior distance between flanges of the rim.
- D: Specified rim diameter.
- F_H: Flange height.
- G: Minimum ledge width of the rim.
- D_r: Outer flange diameter.

QUALIFICATION STANDARD

Minimum qualification specification(s) which is basis for approval.

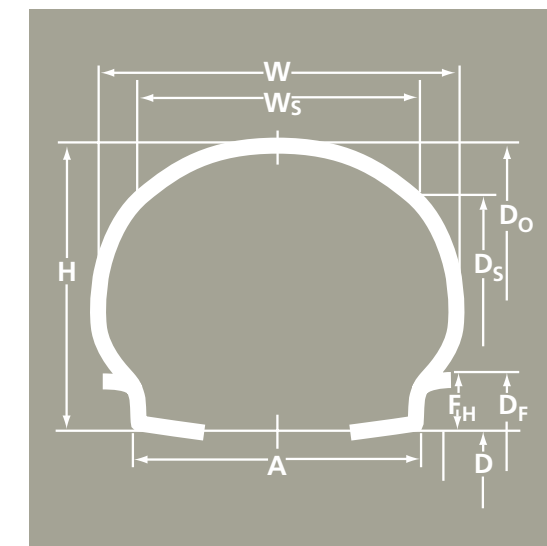


Aircraft tire data



BIAS TYPE I

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)					ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.		Ws MAX.	AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledge Width	
8.00			6	120	450	55	1,215	8.10	7.86	3.06	2.94	7.32	1.88	0.85	3.2	2.5	2.68	2.88	0.481		3.84
10.00			8	120	650	45	1,755	10.06	9.76	4.18	4.00	9.00	2.52	0.82	3.9	2.7	3.62	3.19	0.514		4.22
12.50			8	120	1,800	80	4,860	12.50	12.10	5.40	4.98	11.16	3.44	0.81	4.9	3.3	4.75	3.94	0.561		5.06
14.50			8	160	2,000	80	5,400	14.70	14.26	6.24	5.98	13.14	3.70	0.80	5.8	3.9	5.62	4.68	0.645		5.97
17.00			10	120	2,300	55	6,210	17.08	16.56	7.20	6.92	15.26	4.52	0.81	6.1	4.4	6.56	5.44	0.733		6.91
26.00			12	120	6,300	70	17,010	26.00	24.96	11.00	10.56	23.24	7.16	0.80	10.3	6.5	10.00	8.25	1.125		10.50
27			10	120	5,500	70	14,850	28.16	27.22	9.66	9.14	26.30	5.70	0.73	11.6	8.6	8.94	14.00	0.688		15.38
33			10	120	8,000	70	21,600	33.06	32.06	11.30	10.84	31.30	6.60	0.73	13.8	10.3	10.78	16.50	0.813		18.13
36			12	120	10,500	70	28,350	36.86	35.40	13.08	12.56	34.84	7.02	0.72	15.3	11.1	12.46	17.75	0.875		19.50
44			12	120	15,000	70	40,500	44.94	43.64	15.76	15.12	42.50	8.52	0.66	18.7	13.4	14.87	22.00	1.250		24.50
44			14	120	18,200	85	49,140	44.94	43.64	15.76	15.12	42.50	8.53	0.66	18.7	13.4	14.87	22.00	1.250		24.50
47			14	120	17,500	70	47,250	44.98	47.02	17.00	16.32	44.24	10.66	0.72	20.1	14.2	16.25	23.50	1.125		25.75
56			20	120	35,000	100	94,500	56.62	55.44	19.92	19.12	53.44	11.44	0.74	23.6	16.9	18.94	27.00	1.750		30.50
56			22	120	37,500	110	101,250	56.62	55.44	19.92	19.12	53.44	11.44	0.74	23.6	16.9	18.94	27.00	1.750		30.50



BIAS TYPE III

5.00	-4	4			700	35	1,890	13.25	12.70	5.05	4.75	11.60	4.30	0.92	5.2	3.5	3.50	4.0	0.750	0.80	5.50	
5.00	-4	6			1,200	55	3,240	13.25	12.70	5.05	4.75	11.60	4.30	0.92	5.2	3.9	3.50	4.0	0.750	0.80	5.50	
5.00	-5	4	120		800	31	2,160	13.25	13.65	4.95	4.65	12.55	4.20	0.93	5.7	4.0	3.50	5.0	0.750	0.80	6.50	TSO-C62
5.00	-5	4	120		800	31	2,160	14.20	13.65	4.95	4.65	12.55	4.20	0.93	5.7	4.0	3.50	5.0	0.750	0.80	6.50	MIL-T-5041
5.00	-5	6	120		1,285	50	3,470	14.20	13.65	4.95	4.65	12.55	4.20	0.93	5.7	4.0	3.50	5.0	0.750	0.80	6.50	TSO-C62
5.00	-5	8	160		1,800	70	4,860	14.20	13.65	4.95	4.65	12.55	4.20	0.93	5.7	4.0	3.50	5.0	0.750	0.85	6.50	TSO-C62
5.00	-5	10	120		2,150	88	5,805	14.20	13.65	4.95	4.65	12.55	4.20	0.93	5.7	4.0	3.50	5.0	0.750	1.25	6.50	TSO-C62
5.00	-5	10	160		2,150	88	5,805	14.20	13.65	4.95	4.65	12.55	4.20	0.93	5.7	4.0	3.50	5.0	0.750	1.25	6.50	MIL-T-5041
5.00	-5	14			3,110	130	8,397	14.20	13.65	4.95	4.65	12.55	4.20	0.93	5.7	4.0	3.50	5.0	0.750	0.85	6.50	
5.50	-4	8			1,225	50	3,308	13.47	12.99	5.54	5.26	13.47	4.27	0.86	5.4	4.8	3.50	4.0	0.750	0.80	5.50	
6.00	-6	4	120		1,150	29	3,105	17.50	16.80	6.30	5.90	15.45	5.35	0.91	6.9	4.6	5.00	6.0	0.750	0.80	7.50	TSO-C62
6.00	-6	6	120		1,750	42	4,725	17.50	16.80	6.30	5.90	15.45	5.35	0.91	6.9	4.6	5.00	6.0	0.750	0.85	7.50	MIL-T-5041
6.00	-6	6	120		1,750	42	4,725	17.50	16.80	6.30	5.90	15.45	5.35	0.91	6.9	4.6	5.00	6.0	0.750	0.85	7.50	TSO-C62
6.00	-6	6	160		1,750	42	4,725	17.50	16.80	6.30	5.90	15.45	5.35	0.91	6.9	4.6	5.00	6.0	0.750	0.85	7.50	TSO-C62
6.00	-6	8	120		2,350	55	6,345	17.50	16.80	6.30	5.90	15.45	5.35	0.91	6.9	4.6	5.00	6.0	0.750	0.90	7.50	TSO-C62
6.00	-6	8	120		2,350	55	6,345	17.50	16.80	6.30	5.90	15.45	5.35	0.91	6.9	4.6	5.00	6.0	0.750	0.90	7.50	MIL-T-5041
6.00	-6	8	160		2,350	55	6,345	17.50	16.80	6.30	5.90	15.45	5.35	0.91	6.9	4.6	5.00	6.0	0.750	0.90	7.50	TSO-C62
6.00	-8	4	120		1,500	30	4,050	19.85	19.15	6.90	6.50	17.70	5.85	0.86	8.0	5.6	5.25	8.0	0.812	0.85	9.62	TSO-C62
6.50	-8	6	120		2,300	51	6,210	19.85	19.15	6.90	6.50	17.70	5.85	0.86	8.0	5.6	5.25	8.0	0.812	0.85	9.62	TSO-C62
6.50	-8	6	120		2,300	51	6,210	19.85	19.15	6.90	6.50	17.70	5.85	0.86	8.0	5.6	5.25	8.0	0.812	0.85	9.62	MIL-T-5041
6.50	-8	8	120		3,150	75	8,505	19.85	19.15	6.90	6.50	17.70	5.85	0.86	8.0	5.6	5.25	8.0	0.812	0.95	9.62	TSO-C62
6.50	-8	8	120		3,150	75	8,505	19.85	19.15	6.90	6.50	17.70	5.85	0.86	8.0	5.6	5.25	8.0	0.812	0.95	9.62	MIL-T-5041
6.50	-8	8	160		3,150	75	8,505	19.85	19.15	6.90	6.50	17.70	5.85	0.86	8.0	5.6	5.25	8.0	0.812	0.95	9.62	TSO-C62
6.50	-10	6	120		2,770	60	7,479	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	0.85	11.62	MIL-T-5041
6.50	-10	6	120		2,770	60	7,479	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	0.85	11.62	TSO-C62
6.50	-10	8	120		3,750	80	10,125	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	0.95	11.62	TSO-C62
6.50	-10	8	160		3,750	80	10,125	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	0.95	11.62	TSO-C62
6.50	-10	10	120		4,750	100	12,825	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	1.10	11.62	MIL-T-5041
6.50	-10	10	120		4,750	100	12,825	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	1.10	11.62	TSO-C62
6.50	-10	10	160		4,750	100	12,825	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	1.10	11.62	TSO-C62
6.50	-10	10	190		4,750	100	12,825	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	1.10	11.62	TSO-C62
6.50	-10	12	160		5,750	120	15,525	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	1.30	11.62	TSO-C62
6.50	-10	12	190		5,750	120	15,525	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	1.30	11.62	TSO-C62
6.50	-10	14			7,740	164	20,898	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.1	6.9	4.75	10.0	0.812	1.55	11.62	
7.00	-6	4			1,260	23	3,402	18.75	18.00	7.00	6.45	16.45	5.95	0.91	7.3	4.6	5.00	6.0	0.750	0.80	7.50	
7.00	-6	6	120		1,900	38	5,130	18.75	18.00	7.00	6.45	16.45	5.95	0.91	7.3	4.6	5.00	6.0	0.750	0.85	7.50	TSO-C62
7.00	-6	6	LS		1,900	38	5,130	18.75	18.00	7.00	6.45	16.45	5.95	0.91	7.3	4.6	5.00	6.0	0.750	0.85	7.50	MIL-T-5041
7.00	-6	8	120		2,550	54	6,885	18.75	18.00	7.00	6.45	16.45	5.95	0.91	7.3	4.6	5.00	6.0	0.750	0.90	7.50	TSO-C62
7.00	-6	10			3,590	72	9,693	18.75	18.00	7.00	6.45	16.45	5.95	0.91	7.3	4.6	5.00	6.0	0.750	0.90	7.50	TSO-C62
7.00	-8	4			1,600	30	4,320	20.85	20.10	7.30	6.85	18.55	6.20	0.88	8.4	5.9	5.50	8.0	0.812	0.85	9.62	
7.00	-8	6			2,400	46	6,480	20.85	20.10	7.30	6.85	18.55	6.20	0.88	8.4	5.9	5.50	8.0	0.812	0.85	9.62	
7.00	-8	10	160		4,400	95	11,880	20.85	20.10	7.30	6.85	18.55	6.20	0.88	8.4	5.9	5.50	8.0	0.812		9.62	TSO-C62
7.00	-8	12			5,300	95	14,310	20.85	20.10	7.30	6.85	18.55	6.20	0.88	8.4	5.9	5.50	8.0	0.812		9.62	
7.00	-8	16	150		6,650	125	17,955	20.85	20.10	7.30	6.85	18.55	6.20	0.88	8.4	5.9	5.50	8.0	0.812	1.30	9.62	MIL-T-5041
7.25	-6	8			2,490	61	6,723	17.13	16.54	6.89	6.50	15.16	5.91		6.9		5.75	6.0	0.80			

Aircraft tire data



BIAS TYPE III

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledger Width	D _F Outer Flange Diameter	
	7.50	-10	8		4,070	67	10,989	24.15	23.30	7.65	7.20	21.60	6.50	0.92	9.7	6.9	5.50	10.0	0.812	0.95	11.62	
	7.50	-10	12	120	1,800	80	4,860	24.15	23.30	7.65	7.20	21.60	6.50	0.92	9.7	6.9	5.50	10.0	0.812	1.50	11.62	MIL-T-5041
	7.50	-14	8	160	5,700	87	15,390	27.75	27.00	7.65	7.20	25.30	6.50	0.90	11.6	8.1	5.50	14.0	0.812	1.00	15.62	TSO-C62
	7.50	-14	10		7,200	110	19,440	27.75	27.00	7.65	7.20	25.30	6.50	0.90	11.6	9.2	5.50	14.0	0.812		15.62	TSO-C62
	7.50	-14	12	160	8,700	130	23,490	27.75	27.00	7.65	7.20	25.30	6.50	0.90	11.6	9.2	5.50	14.0	0.812	1.65	15.62	TSO-C62
	8.00	-4	4		1,100	24	2,970	18.00	17.15	8.30	7.70	15.50	7.05	0.84	7.5	4.7	5.50	4.0	0.690	0.61	5.38	TSO-C62
	8.00	-4	6		1,700	35	4,590	18.00	17.15	8.30	7.80	15.50	7.05	0.84	6.7	3.5	5.50	4.0	0.690		5.38	
	8.00	-6	4		1,350	23	3,645	19.50	18.75	7.95	7.35	17.05	6.75	0.85	7.5	4.7	5.00	6.0	0.750	0.80	7.50	TSO-C62
	8.00	-6	6	120	2,050	35	5,535	19.50	18.75	7.95	7.35	17.05	6.75	0.85	7.5	4.7	5.00	6.0	0.750	0.80	7.50	TSO-C62
	8.00	-6	8	120	2,800	48	7,560	19.50	18.75	7.95	7.35	17.05	6.75	0.85	7.5	4.7	5.00	6.0	0.750	0.90	7.50	TSO-C62
	*8.00	-7	6		3,350	61	9,045	20.01	19.30	8.25	7.85	17.30	6.90	0.80	8.1		6.50	7.0	0.850	1.35	8.70	ETRTO
	8.50	-4	4		1,600	20	4,320	22.10	21.15	8.85	8.30	19.20	7.50	0.91	8.4	4.9	6.00	4.0	0.875		5.75	
	8.50	-6	4		1,600	20	4,320	22.10	21.15	5.35	8.30	19.20	7.50	0.91	8.4	4.9	6.00	6.0	0.875	0.90	7.75	
	8.50	-6	6		2,275	30	6,143	22.10	21.15	8.35	8.30	19.20	7.50	0.91	8.4	4.9	6.00	6.0	0.875	0.90	7.75	
	8.50	-10	6	160	3,250	41	8,775	25.65	24.70	8.70	8.20	22.80	7.40	0.90	10.2	6.9	6.25	10.0	0.812	1.00	11.62	MIL-T-5041
	8.50	-10	8	120	4,400	55	11,880	25.65	24.70	8.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.15	11.62	MIL-T-5041
	8.50	-10	8	120	4,400	55	11,880	25.65	24.70	8.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.15	11.62	TSO-C62
	8.50	-10	8	160	4,400	55	11,880	25.65	24.70	3.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.15	11.62	TSO-C62
	8.50	-10	10	120	5,500	70	14,850	25.65	24.70	3.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.35	11.62	TSO-C62
	8.50	-10	10	160	5,500	70	14,850	25.65	24.70	8.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.35	11.62	TSO-C62
	8.50	-10	10	LS	5,500	70	14,850	25.65	24.70	8.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.35	11.62	MIL-T-5041
	8.50	-10	12	120	8,000	100	21,600	25.65	24.70	8.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.50	11.62	
	8.50	-10	12	104 kt	8,000	100	21,600	25.65	24.70	8.70	8.20	22.80	7.40	0.90	10.2	7.3	6.25	10.0	0.812	1.50	11.62	MIL-T-504
	8.90	-12.5	6	160	4,300	50	11,610	27.70	27.30	9.00	8.65	24.95	7.65	0.84	12.0		6.75	12.5	0.875	1.20	14.25	TSO-C62
	9.00	-6	8		4,000	50	10,800	22.40	21.40	9.25	8.55	19.45	7.85	0.89	8.5	5.7	6.75	6.0	0.875	1.45	7.75	
	9.00	-6	10		4,500	58	12,150	22.40	21.40	9.25	8.55	19.45	7.85	0.89	8.5	5.7	6.75	6.0	0.875	1.45	7.75	
	*9.00	-10	10		1,200	64	3,240	25.20	24.40	9.45	8.85	22.25	8.05	0.81	10.2		7.75	10.0	0.875	1.65	11.75	ETRTO
	*9.25	-12	8		5,600	61	15,120	28.15	27.35	9.45	9.05	25.40	8.05	0.87	11.4		7.00	12.0	0.875	1.10	13.75	ETRTO
	*9.25	-12	12		8,840	100	23,868	28.15	27.35	9.45	9.05	25.40	8.05	0.87	11.4		7.00	12.0	0.875	1.10	13.75	ETRTO
	9.50	-16	10	160	9,250	90	24,975	33.35	32.50	9.70	9.10	30.25	8.25	0.90	13.9	9.2	7.00	16.0	1.000	1.40	18.00	MIL-T-5041
	9.50	-16	10		9,250	90	24,975	33.35	32.50	9.70	9.10	30.25	8.25	0.90	13.9	9.2	7.00	16.0	1.000	1.50	18.00	TSO-C62
	9.50	-16	12		11,200	110	30,240	33.35	32.50	9.70	9.10	30.25	8.25	0.90	13.9	10.5	7.00	16.0	1.000	1.75	18.00	TSO-C62
	10.00	-7	12	160	7,100	80	19,170	25.45	24.30	10.25	9.65	22.15	8.70	0.90	9.9	6.5	8.00	7.0	1.250		9.50	MIL-T-5041
	*10.50	-16	10		9,590	75	25,893	34.85	33.85	10.45	10.05	31.50	8.85	0.90	14.4		8.25	16.0	1.150	1.60	18.30	ETRTO
	*10.50	-16	12		11,590	90	31,293	34.85	33.85	10.45	10.05	31.50	8.85	0.90	14.4		8.25	16.0	1.150	1.60	18.30	ETRTO
	11.00	-12	6		4,600	35	12,420	32.20	31.00	11.20	10.50	28.55	9.50	0.90	12.7	7.3	8.25	12.0	1.000	1.00	14.00	
	11.00	-12	8	160	6,300	45	17,010	32.20	31.00	11.24	10.50	28.55	9.50	0.90	12.7	8.4	8.25	12.0	1.000	1.10	14.00	TSO-C62
	11.00	-12	8	120	6,300	45	17,010	32.20	31.00	11.20	10.50	28.55	9.50	0.90	12.7	8.4	8.25	12.0	1.000	1.10	14.00	MIL-T-5041
	11.00	-12	10	160	8,200	60	24,600	32.20	31.00	11.20	10.50	28.55	9.50	0.90	12.7	8.4	8.25	12.0	1.000	1.40	14.00	TSO-C62
	12.50	-16	10		10,600	60	28,620	38.45	37.50	12.75	12.00	34.40	10.85	0.89	15.7	10.5	10.00	16.0	1.250	1.80	18.50	
	12.50	-16	12	150	12,800	75	34,560	38.45	37.50	12.75	12.00	34.40	10.85	0.89	15.7	11.2	10.00	16.0	1.250	1.90	18.50	MIL-T-5041
	12.50	-16	12		12,800	75	34,560	38.45	37.50	12.75	12.00	34.40	10.85	0.89	15.7	11.2	10.00	16.0	1.250	1.90	18.50	TSO-C62
	12.50	-16	14		15,000	90	40,500	38.45	37.50	12.75	12.00	34.40	10.85	0.89	15.7	11.2	10.00	16.0	1.250	1.90	18.50	TSO-C62
	13.50	-16	24		27,500	145	74,250	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.3	11.2	11.00	16.0	1.250		19.25	
	15.00	-10	10		8,850	38	23,895	34.80	34.20	15.00	14.60	30.35	13.20	0.83	13.3	7.3	11.00	10.0	1.000		12.00	
	15.00	-12	14		12,700	65	34,290	36.30	35.35	14.70	13.95	31.95	12.50	0.83		8.4	11.00	12.0	1.000	2.50	14.00	
	15.00	-16	10	200	12,200	53	32,940	42.40	41.40	15.30	14.40	37.65	13.00	0.87	16.9	11.8	11.25	16.0	1.188	1.75	18.38	MIL-T-5041
	15.00	-16	14		17,100	70	46,170	42.40	41.40	15.30	14.40	37.65	13.00	0.87	16.9	11.1	11.25	16.0	1.188		18.38	
	15.00	-16	16	160	19,700	81	53,190	42.40	41.40	15.30	14.40	37.65	13.00	0.87	16.9	11.1	11.25	16.0	1.188		18.38	TSO-C62
	15.50	-20	14		20,800	90	56,160	45.25	44.30	16.00	15.05	40.70	13.60	0.80	18.6	11.2	13.25	20.0	1.625	2.38	23.25	MIL-T-5041
	15.50	-20	14		20,800	90	56,160	45.25	44.30	16.00	15.05	40.70	13.60	0.80	18.6	11.2	13.25	20.0	1.625	2.20	23.25	
	15.50	-20	16		24,000	106	64,800	45.25	44.30	16.00	15.0	40.70	13.60	0.80	18.6	13.4	13.25	20.0	1.625	2.20	23.25	
	15.50	-20	20	160	29,900	135	80,730	45.25	44.30	16.00	15.05	40.70	13.60	0.80	18.6	13.4	13.25	20.0	1.625	2.60	23.25	
	17.00	-16	10		13,500	48	36,450	45.05	43.70	17.40	16.35	39.80	14.80	0.84	17.7	11.1	13.25	16.0	1.375	2.00	18.75	
	17.00	-16	12	160	16,000	60	43,200	45.05	43.70	17.40	16.35	39.80	14.80	0.84	17.7	11.2	13.25	16.0	1.375	2.00	18.75	TSO-C62
	17.00	-16	12	160	16,000	60	43,200	45.05	43.70	17.40	16.35	39.80	14.80	0.84	17.7	11.2	13.25	16.0	1.375	2.00	18.75	MIL-T-5041
	17.00	-20	22	120	34,500	130	93,150	48.75	47.70	17.25	16.40	43.60	14.65	0.84	19.7	13.4	13.25	20.0	1.750	2.80	23.50	TSO-C62
	17.00	-20	22	120	34,500	130	93,150	48.75	47.70	17.25	16.40	43.60	14.65	0.84	19.7	13.4	13.25	20.0	1.750	2.70	23.50	MIL-T-5041
	19.00	-23	16	160																		

Aircraft tire data



BIAS TYPE VII + THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledger Width	D _F Outer Flange Diameter	
13	x 5.0	-4	14	180	3,100	143	9,300	13.25	12.70	5.25	4.95	11.60	4.60	0.88	5.3		4.25	4.0	0.750	0.80	5.50	AIR-8505
13.5	x 6.0	-4	12		2,450	95	7,350	13.75	13.20	6.10	5.75	12.00	5.40	0.80	5.35		4.75	4.0	0.550	0.75	5.10	MIL
13.5	x 6.0	-4	14	230	3,450	135	10,350	13.75	13.20	6.10	5.75	12.00	5.40	0.80	5.35		4.75	4.0	0.550	0.94	5.10	MIL
14.5	x 5.5	-6	8					14.20		5.50	5.15	13.00	4.85	0.77			4.25	6.0	0.875	1.50	7.75	
14.5	x 5.5	-6	12		3,000	135	9,000	14.50	14.00	5.50	5.15	13.00	4.85	0.77	6.1		4.25	6.0	0.875	1.50	7.75	TSO-C62
14.5	x 5.5	-6	14		3,550	155	10,650	14.50	14.00	5.50	5.15	13.00	4.85	0.77	6.1		4.25	6.0	0.875	1.50	7.75	TSO-C62
15	x 6.0	-6	4	120	1,250	45	3,750	15.20	14.55	6.30	5.90	13.55	5.55	0.73	6.1		5.00	6.0	0.750	0.80	7.50	MIL-T-5041
15	x 6.0	-6	6	120	1,950	68	5,850	15.20	14.55	6.30	5.90	13.55	5.55	0.73	6.1		5.00	6.0	0.750	0.85	7.50	TSO-C62
15	x 6.0	-6	6	160	1,950	68	5,850	15.20	14.55	6.30	5.90	13.55	5.55	0.73	6.1		5.00	6.0	0.750	0.85	7.50	TSO-C62
15	x 6.0	-6	6	LS	1,950	68	5,850	15.20	14.55	6.30	5.90	13.55	5.55	0.73	6.1		5.00	6.0	0.750	0.85	7.50	MIL-T-5041
16	x 4.4		4		1,100	55	3,300	16.00	15.50	4.45	4.15	14.55	3.90	0.90	6.9	5.7	3.50	8.0	0.812	0.80	9.62	
16	x 4.4		6	120	1,700	85	5,100	16.00	15.50	4.45	4.15	14.55	3.90	0.90	6.9	5.7	3.50	8.0	0.812	0.90	9.62	MIL-T-5041
16	x 4.4		6	160	1,700	85	5,100	16.00	15.50	4.45	4.15	14.55	3.90	0.90	6.9	5.7	3.50	8.0	0.812	0.90	9.62	TSO-C62
16	x 4.4		8	120	2,300	120	6,900	16.00	15.50	4.45	4.15	14.55	3.90	0.90	6.9	5.7	3.50	8.0	0.812	1.05	9.62	MIL-T-5041
16	x 4.4		8	160	2,300	120	6,900	16.00	15.50	4.45	4.15	14.55	3.90	0.90	6.9	5.7	3.50	8.0	0.812	1.05	9.62	TSO-C62
16	x 4.4		10	190	2,900	155	8,700	16.00	15.50	4.45	4.15	14.55	3.90	0.90	6.9	5.7	3.50	8.0	0.812	1.20	9.62	TSO-C62
16	x 4.4		12	210	3,475	185	10,425	16.00	15.50	4.45	4.15	14.55	3.90	0.90	6.9	5.7	3.50	8.0	0.875	1.80	9.75	TSO-C62
17.5	x 5.75	-8	12	120	5,000	180	15,000	17.50	16.95	5.75	5.40	15.80	5.10	0.83	7.4	4.3	4.25	8.0	0.875	1.40	9.75	MIL-T-5041
17.5	x 5.75	-8	12	210	5,000	180	15,000	17.50	16.95	5.75	5.40	15.80	5.10	0.83	7.4	4.3	4.25	8.0	0.875	1.40	9.75	TSO-C62
17.5	x 5.75	-8	14		6,050	220	18,150	17.50	16.95	5.75	5.40	15.80	5.10	0.83	7.4	4.3	4.25	8.0	0.875	1.55	9.75	
17.5	x 6.25	-6	8	120	2,900	70	8,700	17.50	16.85	6.25	5.90	15.45	5.50	0.92	6.9	6.3	5.00	6.0	0.750	0.90	7.50	TSO-C62
17.5	x 6.25	-6	8	160	2,900	70	8,700	17.50	16.85	6.25	5.90	15.45	5.50	0.92	6.9	6.3	5.00	6.0	0.750	0.90	7.50	TSO-C62
17.5	x 6.25	-6	8	190	2,900	70	8,700	17.50	16.85	6.25	5.90	15.45	5.50	0.92	6.9	6.3	5.00	6.0	0.750	0.90	7.50	TSO-C62
17.5	x 6.25	-6	10	120	3,750	90	11,250	17.50	16.85	6.25	5.90	15.45	5.50	0.92	6.9	6.3	5.00	6.0	0.750	0.95	7.50	TSO-C62
17.5	x 6.25	-11	8	104 kt	2,750	140	8,250	17.70	17.30	6.10	5.70			0.55	8.0	7.2	5.25	11.0	0.813	1.10	12.63	MIL-T-5041
18	x 4.25	-10	6	210	2,300	100	6,900	18.25	17.75	4.70	4.45	16.75	4.15	0.87	7.9	6.6	3.63	10.0	0.600	0.85	11.20	TSO-C62
18	x 4.4		6	190	2,100	100	6,300	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.05	11.62	TSO-C62
18	x 4.4		6	174 kt	2,100	100	6,300	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.05	11.62	MIL-T-5041
18	x 4.4		6	160	2,100	100	6,300	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.05	11.62	TSO-C62
18	x 4.4		8		2,850	150	8,550	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812		11.62	
18	x 4.4		10	190	3,550	185	10,650	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.25	11.62	TSO-C62
18	x 4.4		10	190	3,550	185	10,650	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.25	11.62	TSO-C62
18	x 4.4		10	210	3,550	185	10,650	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.25	11.62	TSO-C62
18	x 4.4		12	210	4,350	225	13,050	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.25	11.62	TSO-C62
18	x 4.4		12	250	4,350	225	13,050	17.90	17.40	4.45	4.15	16.50	3.90	0.89	7.9	6.8	3.50	10.0	0.812	1.25	11.62	MIL-T-5041
18	x 5.5		6		2,250	75	6,750	17.90	17.30	5.75	5.35	16.20	5.00	0.87	7.5	6.2	4.25	8.0	0.875	1.25	9.75	
18	x 5.5		8	190	3,050	105	9,150	17.90	17.30	5.75	5.35	16.20	5.00	0.87	7.5	6.2	4.25	8.0	0.875	1.25	9.75	TSO-C62
18	x 5.5		8	210	3,050	105	9,150	17.90	17.30	5.75	5.35	16.20	5.00	0.87	7.5	6.2	4.25	8.0	0.875	1.25	9.75	TSO-C62
18	x 5.5		8	139 kt	3,050	105	9,150	17.90	17.30	5.75	5.35	16.20	5.00	0.87	7.5	6.2	4.25	8.0	0.875	1.25	9.75	MIL-T-5041
18	x 5.5		10	210	4,000	140	12,000	17.90	17.30	5.75	5.35	16.20	5.00	0.87	7.5	6.2	4.25	8.0	0.875	1.40	9.75	TSO-C62
18	x 5.5		12	160	5,050	175	15,150	17.90	17.30	5.75	5.35	16.20	5.00	0.87	7.5	6.2	4.25	8.0	0.875	1.40	9.75	MIL-T-5041
18	x 5.5		14	239 kt	6,200	215	18,600	17.90	17.30	5.75	5.35	16.20	5.00	0.87	7.5	6.2	4.25	8.0	0.875	1.50	9.75	MIL-T-5041
18	x 5.7	-8	14	247	6,200	215	18,600	17.90	17.30	5.70	5.35	16.20	5.00	0.87	7.5	6.1	4.25	8.0	0.875	1.50	9.75	MIL-T-5041
18	x 5.7	-8	18	250	8,600	300	25,800	17.90	17.30	5.70	5.35	16.20	5.00	0.87	7.5	6.1	4.25	8.0	0.875	1.50	9.75	MIL-T-5041
18	x 5.7	-8	20	250	9,000	315	27,000	17.90	17.30	5.70	5.35	16.20	5.00	0.87	7.5	6.1	4.25	8.0	0.875	1.50	9.75	MIL-T-5041
18	x 5.75	-8	8		3,000	105	9,000	18.00	17.40	5.75	5.40	16.20	5.10	0.87	7.5	6.1	4.25	8.0	0.875	1.25	9.75	
18	x 6.5	-8	12	223 kt	5,000	150	15,000	18.00	17.45	6.50	6.20	15.95	5.70	0.77	7.6	6.0	5.25	8.0	0.875	1.50	9.75	MIL-T-5041
19	x 4.5	-11.5	10	230	3,500	165	10,500	19.50	19.00	4.50	4.25	18.10	4.00	0.89	8.6		3.15	11.5	0.655	0.92	13.34	MIL-T-5041
19	x 5.25	-10	12	185																		MIL-T-5041
19.5	x 6.75	-8	6	190	2,300	61	6,900	19.50	18.90	6.75	6.20	17.45	5.95	0.85	8.1	5.5	5.25	8.0	0.812	1.25	9.62	TSO-C62
19.5	x 6.75	-8	8	210	3,300	86	9,900	19.50	18.90	6.75	6.20	17.45	5.95	0.85	8.1	5.5	5.25	8.0	0.812	1.25	9.62	TSO-C62
19.5	x 6.75	-8	10	160	4,270	110	12,810	19.50	18.90	6.75	6.20	17.45	5.95	0.85	8.1	5.5	5.25	8.0	0.812	1.25	9.62	TSO-C62
19.5	x 6.75	-8	10	190	4,270	110	12,810	19.50	18.90	6.75	6.20	17.45	5.95	0.85	8.1	5.5	5.25	8.0	0.812	1.25	9.62	TSO-C62
19.5	x 6.75	-8	10	190	4,270	110	12,810	19.20	18.60	6.35	5.80	17.45	5.95	0.85	8.1	5.5	5.25	8.0	0.812	1.25	9.62	TSO-C62
H19.5	x 6.75	-10	6		3,000	85	9,000	19.50	18.90	6.75	6.35	17.80	5.95	0.70	8.3		4.25	10.0	0.750	1.30	11.50	
H19.5	x 6.75	-10	8		4,000	120	12,000	19.50	18.90	6.75	6.35	17.80	5.95	0.70	8.3		4.25	10.0	0.750	1.50	11.50	
20	x 4.4		8	160	3,400	175	10,200	20.00	19.50	4.45	4.15	19.45	3.95	0.90	8.9	8.0	3.50	12.0	0.812	1.30	13.62	TSO-C62
20	x 4.4		10	160	4,250	190	12,750	20.00	19.50	4.45	4.15	19.45	3.95	0.90	8.9	8.0	3.50	12.0	0.812	1.30	13.62	MIL-T-5041
20	x 4.4		12	195kt	5,150	225	15,450	20.00	19.													

Aircraft tire data



BIAS TYPE VII + THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledger Width	D _F Outer Flange Diameter	
21	x 7.25	-10	8		4,000	95	12,000	21.25	20.60	7.20	6.80	19.25	6.35	0.78	9.0	6.8	5.50	10.0	1.000	1.25	12.00	
21	x 7.25	-10	10	210	5,150	135	15,450	21.25	20.60	7.20	6.80	19.25	6.35	0.78	9.0	6.8	5.50	10.0	1.000	1.40	12.00	TSO-C62
21	x 7.25	-10	12	225	6,400	166	19,200	21.25	20.60	7.20	6.80	19.25	6.35	0.78	9.0	6.8	5.50	10.0	1.000	1.95	12.00	TSO-C62
21	x 7.25	-10	20	225	12,000	320	36,000	21.25	20.60	7.20	6.80	19.25	6.35	0.78	9.0	6.8	5.50	10.0	1.000	2.00	12.00	MIL-T-5041
H21	x 7.25	-8	12		5,650	106	18,950	21.00	20.35	7.25	6.85	19.70	6.55	0.90	8.4		4.75	8.0	0.750	1.95	9.50	
21.5	x 7.0	-10	12	160	6,700	135	20,100	21.76	21.14	7.05	6.73	18.90	6.14	0.83	9.0		5.90	10.0	0.750			MIL-T-5041
22	x 5.5		8	139 kt	4,350	135	13,050	22.15	21.55	5.70	5.35	21.30	4.95	0.89	9.6	8.0	4.25	12.0	0.875	1.25	13.75	MIL-T-5041
22	x 5.5		10	230	5,700	185	17,100	22.15	21.55	5.70	5.35	21.30	4.95	0.89	9.6	8.0	4.25	12.0	0.875	1.25	13.75	MIL-T-5041
22	x 5.5		12	160	7,100	250	21,300	22.15	21.55	5.70	5.35	21.30	4.95	0.89	9.6	8.0	4.25	12.0	0.875	1.45	13.75	MIL-T-5041
22	x 5.75	-12	8		4,350	135	13,050	22.00	21.40	5.75	5.40	20.20	5.05	0.87	9.6	8.0	4.25	12.0	0.875	1.25	13.75	
22	x 5.75	-12	10	190	5,700	180	17,100	22.00	21.40	5.75	5.40	20.20	5.05	0.87	9.6	8.0	4.25	12.0	0.875	1.35	13.75	TSO-C62
22	x 5.75	-12	12		7,100	220	21,300	22.00	21.40	5.75	5.40	20.20	5.05	0.87	9.6	8.0	4.25	12.0	0.875	1.38	13.75	
22	x 6.5	-10	8	210	3,975	95	11,925	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.2		4.75	10.0	0.812	1.20	11.62	TSO-C62
22	x 6.5	-10	10	190	5,200	125	15,600	22.10	21.35	6.65	6.25	19.90	5.65	0.91	9.2		4.75	10.0	0.812	1.70	11.62	TSO-C62
22	x 6.6	-10	18		9,200	260	27,600	22.20	21.60	6.80	6.40	20.00	6.00	0.90	9.4	7.2	5.50	10.0	1.000	2.00	12.00	MIL-T-5041
22	x 6.6	-10	18	200 kt	10,700	260	32,100	22.20	21.60	6.80	6.40	20.00	6.00	0.90	9.4	7.2	5.50	10.0	1.000	2.00	12.00	MIL-T-5041
22	x 6.6	-10	20	190 kt	12,000	270	36,000	22.20	21.60	6.80	6.40	20.00	6.00	0.90	9.4	7.2	5.50	10.0	1.000	2.00	12.00	MIL-T-5041
22	x 6.6	-10	22	225				22.20	21.60	6.80	6.40	20.00	6.00	0.90	9.4	7.2	5.50	10.0	1.000	2.00	12.00	MIL-T-5041
22	x 6.75	-10	8	160	4,450	95	13,350	22.00	21.30	6.75	6.35	19.85	5.95	0.89	9.1	6.9	4.75	10.0	0.812	1.10	11.62	TSO-C62
22	x 6.75	-10	10	160	5,900	125	17,700	22.00	21.30	6.75	6.35	19.85	5.95	0.89	9.1	6.9	4.75	10.0	0.812	1.30	11.62	TSO-C62
22	x 6.75	-10	10	190	5,900	125	17,700	22.00	21.30	6.75	6.35	19.85	5.95	0.89	9.1	6.9	4.75	10.0	0.812	2.00	11.62	TSO-C62
22	x 6.75	-10	12	190	7,300	152	21,900	22.00	21.30	6.75	6.35	19.85	5.95	0.89	9.1	6.9	4.75	10.0	0.812	1.50	11.62	TSO-C62
22	x 6.75	-10	18	136 kt	10,600	245	31,800	22.00	21.35	6.75	6.35	19.85	5.95	0.89	9.1	6.9	4.75	10.0	0.812	2.00	11.62	MIL-T-5041
22	x 7.25	-11.5	8	160	4,600	80	13,800	22.34	21.75	7.43	7.00	22.18	7.37	0.73	9.2	7.8	4.63	11.5	1.222	1.00	13.94	MIL-T-5041
22	x 7.7	-12	16	275	10,500	280	31,500	22.35	21.75	7.70	7.25	20.25	6.80	0.67	9.7	8.2	6.00	12.0	1.000		14.00	MIL-T-5041
22	x 7.75	-9	26	242	12,400	305	37,200	22.20		7.80		19.85	6.85	0.85	9.2		4.25	9.0	1.125	2.15	11.25	MIL-T-5041
22	x 7.75	-10	8	160	4,700	90	14,100	22.00	21.30	7.75	7.30	19.85	6.80	0.77	9.1	6.8	4.75	10.0	0.812	1.10	11.62	TSO-C62
22	x 7.75	-10	8	190	4,700	90	14,100	22.00	21.30	7.75	7.30	19.85	6.80	0.77	9.1	6.8	4.75	10.0	0.812	1.10	11.62	TSO-C62
22	x 7.75	-10	10	160	5,500	110	16,500	22.00	21.30	7.75	7.30	19.85	6.80	0.77	9.1	7.1	4.75	10.0	0.812	1.10	11.62	TSO-C62
22	x 7.75	-10	10	190	5,500	110	16,500	22.00	21.30	7.75	7.30	19.85	6.80	0.77	9.1	7.1	4.75	10.0	0.812	1.10	11.62	TSO-C62
22	x 7.75	-10	12	190	6,800	134	20,400	22.00	21.30	7.75	7.30	19.85	6.80	0.77	9.1	7.1	4.75	10.0	0.812	1.10	11.62	TSO-C62
22	x 8.0	-8	6		2,500	40	7,500	22.00	21.30	8.00	7.55	19.50	7.05	0.88	8.7		6.00	8.0	0.875	1.10	9.75	
22	x 8.0	-8	8		3,500	55	10,500	22.00	21.30	8.00	7.55	19.60	7.05	0.88	8.7		6.00	8.0	0.875	1.60	9.75	
22	x 8.0	-10	10	190	6,500	110	19,500	22.00	21.35	8.00	7.55	19.85	7.05	0.75	9.0	6.9	5.00	10.0	0.625	1.40	11.25	TSO-C62
22	x 8.0	-10	12	190	7,900	135	23,700	22.00	21.35	8.00	7.55	19.85	7.05	0.75	9.0	6.9	5.00	10.0	0.625	1.80	11.25	TSO-C62
22	x 8.5	-11	16	217 kt	10,000	210	30,000	22.00	21.40	8.50	8.10	19.65	7.50	0.64	9.4	7.8	7.25	11.0	0.875	1.88	12.75	MIL-T-5041
H22	x 8.5	-10	12	190	6,900	132	20,700	22.00	21.40	8.25	7.80	20.80	7.45	0.73	9.1	7.2	5.25	10.0	0.850	1.80	11.70	TSO-C62
H22	x 8.5	-10	14	190	8,300	156	24,900	22.00	21.40	8.25	7.80	20.80	7.45	0.73	9.1	7.2	5.25	10.0	0.850	2.14	11.70	TSO-C62
23	x 7.0	-12	10	210	6,500	135	19,500	23.20	22.60	7.20	6.80	21.15	6.30	0.78	9.9	7.8	6.25	12.0	0.650	1.25	13.30	TSO-C62
23	x 7.0	-12	12	210	7,800	160	23,400	23.20	22.60	7.20	6.80	21.15	6.30	0.78	9.9	7.8	6.25	12.0	0.650	1.70	13.30	TSO-C62
*23	x 9.0	-8	10		5,290	80	15,870	24.00	22.40	9.45	8.85	21.85	8.45	0.85	9.5		7.25	8.0	0.875	1.75	9.75	
24	x 5.5		12	139 kt	8,070	250	23,000	24.15	23.55	5.70	5.45	23.30	4.95	0.89	10.6	9.3	4.25	14.0	0.875	1.38	15.75	MIL-T-5041
24	x 5.5		12	200	7,500	230	22,500	24.15	23.55	5.70	5.45	23.30	4.95	0.89	10.6	9.3	4.25	14.0	0.875	1.38	15.75	MIL-T-5041
24	x 5.5		14		9,700	300	29,100	24.15	23.55	5.70	5.45	23.30	4.95	0.89	10.6	9.0	4.25	14.0	0.875	1.38	15.75	
24	x 5.5		16	200	11,500	355	34,500	24.15	23.55	5.70	5.45	23.30	4.95	0.89	10.6	9.0	4.25	14.0	0.875	1.38	15.75	MIL-T-5041
24	x 6.5	-14	18	200 kt	12,900	375	38,700	24.20	23.60	6.65	6.25	22.40	5.90	0.75			4.75	14.0	0.875	1.65	15.75	MIL-T-5041
*24	x 6.6		20		6,500	294	19,500	23.80	23.00	6.70	6.30	21.46	5.50	0.88	10.2	9.0	5.50	12.0	1.000	1.80	14.00	
24	x 7.25	-12	10	160	6,600	120	19,800	24.50	23.80	7.50	7.00	22.25	6.50	0.84	10.4	8.0	6.25	12.0	0.700	1.40	13.40	TSO-C62
24	x 7.25	-12	10	190	6,600	120	19,800	24.50	23.80	7.50	7.00	22.25	6.50	0.84	10.4	8.0	6.25	12.0	0.700	1.40	13.40	TSO-C62
24	x 7.25	-12	12	190	8,150	164	24,450	24.50	23.80	7.50	7.00	22.25	6.50	0.84	10.4	8.0	6.25	12.0	0.700	1.80	13.40	MIL-T-5041
24	x 7.7		6	190	2,950	55	8,850	24.15	23.30	7.65	7.20	21.50	6.75	0.92	10.0	7.5	5.50	10.0	0.906	1.25	11.81	TSO-C62
24	x 7.7		10	160	5,400	90	16,200	24.15	23.30	7.65	7.20	21.50	6.75	0.92	10.0	7.5	5.50	10.0	0.906	1.25	11.81	TSO-C62
24	x 7.7		10	139 kt	5,400	90	16,200	24.15	23.30	7.65	7.20	21.50	6.75	0.92	10.0	7.5	5.50	10.0	0.906	1.25	11.81	MIL-T-5041
24	x 7.7		10	225	5,400	90	16,200	24.15	23.30	7.65	7.20	21.50	6.75	0.92	10.0	7.5	5.50	10.0	0.906	1.50	11.81	TSO-C62
24	x 7.7		12	190	6,800	110	20,400	24.15	23.30	7.65	7.20	21.50	6.75	0.92	10.0	7.5	5.50	10.0	0.906	1.50	11.81	TSO-C62
24	x 7.7		12	210	6,800	110	20,400	24.15	23.30	7.65	7.20	21.50	6.75	0.92	10.0	7.5	5.50	10.0	0.906	1.50	11.81	TSO-C62
24	x 7.7		14	190	8,200	135	24,600	24.15	23.30	7.65	7.20	21.50	6.75	0.92	10.0	7.5	5.50	10.0	0.906	1.50	11.81	MIL-T-5041
24	x 7																					

Aircraft tire data



BIAS TYPE VII + THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledger Width	D _F Outer Flange Diameter	
B24	x 9.5	- 10.5	18		12,200	160	36,600	24.00	23.30	9.50	8.95	21.60	8.40	0.71	9.8		6.00	10.5	0.875	1.90	12.25	
C24.5	x 8.5	- 12	12		8,400	98	25,200	24.50	23.80	8.50	8.00	22.25	7.50	0.74	9.8		4.50	12.0	0.500	1.75		
*24.5	x 8.5		10	210	5,710	86	17,130	24.50	23.75	8.50	8.00	21.90	7.50	0.86	10.0	7.0	6.25	10.0	0.812	1.35	11.62	TSO-C62
*24.5	x 8.5		12		7,410	110	22,230	24.50	23.75	8.50	8.00	21.90	7.50	0.86	10.0	7.0	6.25	10.0	0.812	1.35	11.62	
25	x 6.0	- 14	16	160	12,000	330	36,000	25.00	24.35	6.15	5.80	23.70	5.00	0.89	11.0	9.2	4.27	14.0	0.875		15.75	
25	x 6.75	- 14	16		11,000	240	33,000	25.50	24.80	6.85	6.45	23.44	6.03	0.84	11.2	9.6	4.00	14.0	1.000		16.00	
25	x 6.75	- 14	18		13,000	300	39,000	25.50	24.80	6.85	6.45	23.44	6.03	0.84	11.2	9.6	4.00	14.0	1.000		16.00	
25	x 6.75		18	239 kt	13,000	300	39,000	25.50	24.80	6.85	6.45	23.44	6.03	0.84	11.1	9.6	5.00	14.0	1.000	2.00	16.00	MIL-T-5041
25	x 7.75	- 10	12		6,900	115	20,700	25.00	24.20	7.75	7.30	23.50	7.00	0.97	10.3		6.00	10.0	1.000	1.95	12.00	
25.5	x 8.0	- 14	18	230	15,300	275	45,900	25.50	24.80	8.00	7.55	23.14	6.84	0.72	11.0	9.2	5.75	14.0	1.000		16.00	MIL-T-5041
25.5	x 8.0	- 14	20	250	16,200	310	48,600	25.50	24.80	8.00	7.55	23.14	6.84	0.72	11.0	9.2	5.75	14.0	1.000	2.10	16.00	MIL-T-5041
*25.5	x 8.75	- 10	12		7,140	85	21,420	25.60	24.70	8.65	8.25	22.85	7.70	0.89	10.3		5.50	10.0	0.910	1.50	11.82	
25.75	x 6.75	- 14	14	210	10,300	237	30,900	25.75	25.10	6.75	6.35	23.65	5.95	0.87	11.2		5.00	14.0	1.000	1.70	16.00	TSO-C62
25.75	x 6.75	- 14	16	210	11,900	275	35,700	25.75	25.10	6.75	6.35	23.65	5.95	0.87	11.2		5.00	14.0	1.000	1.70	16.00	TSO-C62
26	x 6.6		8		5,300	120	15,900	25.75	25.05	6.65	6.25	23.55	5.85	0.88	11.2	8.9	5.00	14.0	1.000	1.40	16.00	
26	x 6.6		10	210	6,900	155	20,700	25.75	25.05	6.65	6.25	23.55	5.85	0.88	11.2	9.2	5.00	14.0	1.000	1.40	16.00	TSO-C62
26	x 6.6		10	225	6,900	155	20,700	25.75	25.05	6.65	6.25	23.55	5.85	0.88	11.2	9.2	5.00	14.0	1.000	1.40	16.00	TSO-C62
26	x 6.6		12	225	8,600	185	25,800	25.75	25.05	6.65	6.25	23.55	5.85	0.88	11.2	9.4	5.00	14.0	1.000	1.50	16.00	TSO-C62
26	x 6.6		14	200	10,000	225	30,000	25.75	25.05	6.65	6.25	23.55	5.85	0.88	11.2	9.4	5.00	14.0	1.000	1.70	16.00	MIL-T-5041
26	x 6.6		14	210	10,000	225	30,000	25.75	25.05	6.65	6.25	23.55	5.85	0.88	11.2	9.4	5.00	14.0	1.000	1.70	16.00	TSO-C62
26	x 6.6		16	174 kt	12,000	270	36,000	25.75	25.05	6.65	6.25	23.55	5.85	0.88	11.2	9.4	5.00	14.0	1.000	1.70	16.00	MIL-T-5041
26	x 6.75	- 14	14		10,300	230	30,900	26.00	25.30	6.75	6.35	23.85	5.95	0.89	11.3	9.2	5.00	14.0	1.000	1.70	16.00	
26	x 6.75	- 14	16		11,900	270	35,700	26.00	25.30	6.75	6.35	23.85	5.95	0.89	11.3	9.2	5.00	14.0	1.000	1.90	16.00	
*26	x 7.75	- 13	8		5,600	86	16,800	26.30	25.30	7.90	7.45	23.90	6.95	0.84	11.1	8.6	6.00	13.0	0.700	1.31	14.40	
*26	x 7.75	- 13	10		7,250	110	21,750	26.30	25.50	7.90	7.45	23.90	6.95	0.84	11.1	8.6	6.00	13.0	0.700	1.50	14.40	
*26	x 7.75	- 13	10		8,100	125	24,300	26.30	25.50	7.90	7.45	23.90	6.95	0.84	11.0		6.60	13.0	0.700	1.50	14.40	
*26	x 7.75	- 13	12		8,950	135	26,850	26.30	25.50	7.90	7.45	23.90	6.95	0.84	11.0		6.60	13.0	0.700	1.50	14.40	
*26	x 7.75	- 13	14		10,760	161	32,280	26.30	25.50	7.90	7.45	23.90	6.95	0.84	11.0		6.60	13.0	0.700	1.80	14.40	
26	x 8.0	- 14	16	239 kt	12,700	235	38,100	26.00	25.30	8.00	7.50	23.85	6.00	0.75	11.2	9.6	6.38	14.0	1.125	2.10	16.25	MIL-T-5041
26	x 8.0	- 14	18		14,480	265	43,440	26.00	25.30	8.00	7.50	23.85	6.00	0.75	11.2	9.6	6.38	14.0	1.125	2.10	16.25	
26	x 8.75	- 11	12	163 kt	10,070	105	30,210	26.55	25.75	8.95	8.45	23.75	7.90	0.87	10.6		7.25	11.0	0.875	1.60	12.75	
26	x 8.75	- 11	16	163 kt	11,060	126	33,180	26.55	25.75	8.95	8.45	23.75	7.90	0.87	10.4		7.25	11.0	1.125	1.85	13.25	
26	x 10.0	- 11	10	LS	9,700	110	29,100	26.00	25.20	10.00	9.45	23.30	8.80	0.75	10.3	7.3	8.00	11.0	1.000		13.00	MIL-T-5041
26	x 10.0	- 11	12	LS	9,700	140	29,100	26.00	25.20	10.00	9.45	23.30	8.80	0.75	10.3	7.3	8.00	11.0	1.000		13.00	MIL-T-5041
26.5	x 8.0	- 13	12	160	9,475	149	28,425	26.50	25.80	8.00	7.55	23.80	7.00	0.85	11.3		6.50	13.0	1.000	1.551	15.00	TSO-C62
H26.5	x 8.0	- 14	14	210	10,975	189	32,925	26.50	25.90	8.00	7.55	25.25	7.20	0.85	11.3		5.25	14.0	1.000	2.00	16.00	TSO-C62
27	x 7.75	- 15	10	210	7,800	160	23,400	27.00	26.30	7.75	7.30	24.85	6.85	0.77	11.8		6.00	15.0	1.000	1.65	17.00	TSO-C62
27	x 7.75	- 15	10	225	7,800	160	23,400	27.00	26.30	7.75	7.30	24.85	6.85	0.77	11.8		6.00	15.0	1.000	1.65	17.00	TSO-C62
27	x 7.75	- 15	12	225	9,650	200	28,950	27.00	26.30	7.75	7.30	24.85	6.85	0.77	11.8		6.00	15.0	1.000	1.65	17.00	TSO-C62
H27	x 8.5	- 14	16	210	13,300	207	39,900	27.00	26.30	8.50	8.00	25.70	7.65	0.77	11.4		5.50	14.0	0.950	2.15	15.90	TSO-C62
27.5	x 7.5	- 16	22	275	20,500	400	61,500	27.50	26.80	7.50	7.00	24.45	6.60	0.64	12.3	11.0	6.00	16.0	1.125		18.25	
27.5	x 8.9	- 12.5	6		4,300	50	12,900	27.70	27.30	9.00	8.67	24.95	7.65	0.84	12.0	8.1	6.75	12.5	0.875		14.25	
27.75	x 8.75	- 14.5	24	259	21,500	320	64,500	27.75	27.05	8.75	8.25	24.60	7.48	0.76	12.0	10.5	6.00	14.5	1.200	2.38	16.90	MIL-T-5041
28	x 7.7		10		7,400	125	22,200	27.40	26.60	7.85	7.40	24.90	6.95	0.85	11.7	9.2	6.00	14.0	1.000		16.00	
28	x 7.7		14	174 kt	11,000	195	33,000	27.40	26.60	7.85	7.40	24.90	6.95	0.85	11.7	9.2	6.00	14.0	1.000	1.75	16.00	MIL-T-5041
28	x 9.0	- 12	8	160	5,953	65	17,859	28.35	27.36	9.45	8.86	25.39	8.07	0.87	11.4	8.8	6.63	12.0	0.752	1.38	13.50	TSO-C62
28	x 9.0	- 12	10		7,150	80	21,450	28.35	27.36	9.45	8.86	25.39	8.07	0.87	11.4	8.8	6.63	12.0	0.752	1.50	13.50	
28	x 9.0	- 12	12	160	8,800	100	26,400	28.35	27.36	9.45	8.86	25.39	8.07	0.87	11.4	8.8	6.63	12.0	0.752	2.00	13.50	TSO-C62
28	x 9.0	- 12	22	150 kt	16,650	235	49,950	27.60	26.80	8.85	8.35	24.80	7.80	0.88	11.7	9.1	7.00	12.0	1.250	2.25	14.50	MIL-T-5041
28	x 9.0	- 14	22	187 Kt	18,100	280	54,300	27.85	27.30	9.10	8.60	25.25	8.00	0.75	11.9	9.9	7.25	14.0	1.125	2.25	16.25	MIL-T-5041
29	x 6.25	- 16	14		11,050	230	33,150	29.02	28.38	6.58	6.26	27.30	5.00	0.99	12.6		5.12	16.0	0.875	1.75	17.75	MIL-T-5041
29	x 7.7		12		9,800	160	29,400	28.40	27.60	7.85	7.40	25.90	6.95	0.85	12.2	10.1	6.00	15.0	1.000		17.00	
29	x 7.7		16		13,800	230	41,400	28.40	27.60	7.85	7.40	25.90	6.95	0.85	12.2	10.1	6.00	15.0	1.000	2.00	17.00	
*29	x 8.0	- 15	12		10,030	141	30,090	29.70	29.10	8.10	7.90	27.00	7.10	0.91	12.6		6.87	15.0	0.950	1.75	16.90	
H29	x 9.0	- 15	16	210	14,500	197	43,500	29.00	28.20	9.00	8.50	27.70	8.55	0.74	12.3		6.00	15.0	0.950	2.15	16.90	TSO-C62
29	x 11.0	- 10	4		2,350	20	7,050	29.00	28.10	11.00	10.40	25.60	9.35	0.87	11.4	7.2	8.50	10.0	1.000	1.60	12.00	
29	x 11.0	- 10	8		5,000	45	15,000	29.00	28.10	11.00	10.40	25.60	9.35	0.87	11.4	7.2	8.50	10.0	1.000	1.60	12.00	
29	x 11.0	- 10	10		7,070	60	21,210	29.00	28.10													

Aircraft tire data



BIAS TYPE VII + THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledger Width	D _F Outer Flange Diameter	
30	x 8.0	-16	26	250	20,000	410	60,000	24.80	24.49	7.96	7.30											MIL-T-5041
30	x 8		26		24,100	360	72,300	29.80	29.40	7.96	7.76	26.90	6.95	0.86	12.8	10.8	6.00	16.0	1.000			
30	x 8.8		12		10,200	139	30,600	30.30	29.50	8.90	8.30	27.35	7.85	0.87	12.9		7.00	15.0	1.125	1.70	17.25	
30	x 8.8		14		12,450	177	37,350	30.30	29.50	8.90	8.30	27.35	7.85	0.87	12.9		7.00	15.0	1.125	1.70	17.25	
30	x 8.8		16	225	14,200	199	42,600	30.30	29.50	8.90	8.30	27.35	7.85	0.87	12.9		7.00	15.0	1.125	2.10	17.25	TSO-C62
30	x 8.8		22	217 kt	21,000	295	63,000	30.40	29.50	8.90	8.35	27.40	7.90	0.87	12.9		7.00	15.0	1.125	2.40	17.25	MIL-T-5041
*30	x 9.0	-15	12	160	12,190	130	36,570	30.00	29.30	9.57	9.13	27.30	8.40	0.78	12.6	10.2	8.00	15.0	1.000	1.75	17.00	
30	x 9.5	-14	16	210	13,700	177	41,100	30.00	29.20	9.50	8.95	28.30	8.55	0.84	12.7		7.00	14.0	1.125	2.25	16.25	TSO-C62
H30	x 9.5	-16	16	210	15,350	202	46,050	30.00	29.35	9.50	8.95	28.60	8.55	0.74	12.8		6.25	16.0	1.100	2.20	18.40	TSO-C62
30	x 11.0	-14	4		3,500	35	10,500	30.00	29.20	11.00	10.40	27.10	9.70	0.73	12.6	8.2	9.00	14.0	0.750		15.50	
30	x 11.5	-14.5	20		20,960	220	62,880	29.75	28.75	11.50	11.00	27.00	10.10	0.66	12.2	10.2	9.75	14.5	1.250	2.75	17.00	
30	x 11.5	-14.5	24	208 kt	25,000	245	75,000	29.75	28.75	11.50	11.00	27.00	10.10	0.66	12.5	10.4	9.75	14.5	1.250	2.75	17.00	MIL-T-5041
30	x 11.5	-14.5	24	215 kt	25,000	243	75,000	29.75	28.75	11.50	11.00	27.00	10.10	0.66	12.5	10.4	9.75	14.5	1.250	2.75	17.00	MIL-T-5041
30	x 11.5	-14.5	26	248	25,000	265	75,000	29.75	28.75	11.50	11.00	27.00	10.10	0.66	12.5	10.4	9.75	14.5	1.250	2.75	17.00	MIL-T-5041
30	x 11.5	-14.5	26	259	26,600	265	78,000	29.75	28.75	11.50	11.00	27.00	10.10	0.66	12.5	10.4	9.75	14.5	1.250	2.75	17.00	MIL-T-5041
30	x 11.5	-14.5	26	220 Kt	25,000	245	78,000	29.75	28.75	11.50	11.00	27.00	10.10	0.66	12.5	10.4	9.75	14.5	1.250	2.75	17.00	MIL-T-5041
31	x 9.75	-13	12	160	9,075	113	26,475	30.00	29.25	9.50	8.95	28.30	8.55	0.89	12.6		7.25	13.0	1.125	1.80	15.25	TSO-C62
H31	x 9.75	-13	12	190	9,350	90	28,050	31.00	30.10	9.75	9.20	29.40	8.80	0.87	12.6	9.7	6.50	13.0	1.000	2.05	15.00	TSO-C62
31	x 9.75	-14	12	190	11,100	115	33,300	31.00	30.10	9.75	9.20	29.40	8.80	0.87	12.9		8.00	14.0	1.000	2.15	16.00	TSO-C62
*31	x 10.75	-14	20		18,710	186	56,130	31.42	30.60	11.06	10.43	28.27	9.72	0.79	13.2		9.00	14.0	1.250	3.25	16.50	
31	x 11.5	-16	22	275	23,300	275	69,900	31.00	30.20	11.50	10.80	28.30	10.10	0.66	13.2	11.0	9.00	16.0	1.250	2.65	18.50	MIL-T-5041
H31	x 13.0	-12	20	225	17,200	155	51,600	31.00	30.10	13.00	12.30	27.60	11.45	0.73	12.4		8.00	12.0	1.200	2.70	14.40	TSO-C62
H31	x 13.0	-12	20	235	17,200	155	51,600	31.00	30.10	13.00	12.30	27.60	11.45	0.73	12.4		8.00	12.0	1.200	2.70	14.40	TSO-C62
32	x 8.8		10		9,000	115	27,000	31.00	30.05	8.90	8.35	28.05	7.90	0.84	13.3	10.9	7.00	16.0	1.125	1.52	18.25	
32	x 8.8		12	160	11,000	140	33,000	31.00	30.05	8.90	8.35	28.05	7.90	0.84	13.3	10.9	7.00	16.0	1.125	1.65	18.25	MIL-T-5041
32	x 8.8		14	210	13,000	170	39,000	31.00	30.05	8.90	8.35	28.05	7.90	0.84	13.3	10.9	7.00	16.0	1.125	1.75	18.25	
32	x 8.8		16	160	15,100	200	45,300	31.00	30.05	8.90	8.35	28.05	7.90	0.84	13.3	10.9	7.00	16.0	1.125	1.90	18.25	MIL-T-5041
32	x 8.8		18	210	17,025	242	51,075	31.00	30.05	8.90	8.35	28.05	7.90	0.84	13.3	10.9	7.00	16.0	1.250	2.53	18.50	TSO-C62
32	x 8.8		20	250	23,700	300	71,100	31.00	30.05	8.90	8.35	28.05	7.90	0.84	13.3	10.9	7.00	16.0	1.225		18.25	MIL-T-5041
32	x 8.8		24		23,300	335	69,900	31.00	30.05	8.90	8.35	28.05	7.90	0.84	13.3	10.9	7.00	16.0	1.125	2.75	18.25	MIL-T-5041
32	x 9.75	-18	22		23,700	345	71,100	32.00	31.30	9.75	9.20	29.50	8.60	0.72	14.1		7.50	18.0	1.250	2.55	20.50	MIL-T-5041
*32	x 10.75	-14	12	160	10,760	90	32,280	32.55	31.65	10.95	10.55	28.55	9.50	0.84	13.2		9.00	14.0	1.500	2.00	17.00	TSO-C62
32	x 11.5	-15	12	210	11,200	120	33,600	32.00	31.10	11.50	10.80	29.00	10.50	0.74	13.5	10.3	9.00	15.0	1.250	1.90	17.50	TSO-C62
32	x 11.5	-15	12	225	11,200	120	33,600	32.00	31.10	11.50	10.80	29.00	10.50	0.74	13.5	10.3	9.00	15.0	1.250	1.90	17.50	TSO-C62
*33.5	x 10.75	-15	12	160	12,200	100	35,350	33.50	32.65	10.75	10.15	30.20	9.15	0.87	13.7		8.00	15.0	1.000	1.90	17.00	TSO-C62
34	x 9.25	-16	16		15,500	155	46,500	34.00	33.15	9.25	8.75	30.75	8.15	0.98	14.3	10.4	7.00	16.0	1.125	2.10	18.25	
34	x 9.25	-16	18	210	17,800	190	53,400	34.00	33.15	9.25	8.75	30.75	8.15	0.98	14.3	10.4	7.00	16.0	1.125	2.30	18.25	TSO-C62
H34	x 9.25	-18	18		19,400	213	58,200	34.00	33.20	9.25	8.75	30.75	8.15	0.87	14.5		6.00	18.0	1.200	2.50	20.40	
34	x 9.9		12		11,200	115	33,600	33.40	32.45	10.20	9.55	30.10	8.80	0.86	14.2	10.7	8.00	16.0	1.250		18.50	
34	x 9.9		14	160	14,000	150	42,000	33.40	32.45	10.20	9.55	30.10	8.80	0.86	14.2	10.7	8.00	16.0	1.250		18.50	MIL-T-5041
34	x 10.75	-16	10	190	10,870	80	32,610	34.50	33.65	10.45	9.90	31.15	8.90	0.89	14.4	10.6	8.25	16.0	1.050	1.85	18.50	TSO-C62
34	x 10.75	-16	12	190	13,000	96	39,000	34.50	33.65	10.45	9.90	31.15	8.90	0.89	14.4	10.4	8.25	16.0	1.050	1.85	18.10	TSO-C62
34	x 10.75	-16	14	190	15,100	110	45,300	34.50	33.65	10.45	9.90	31.15	8.90	0.89	14.4	10.4	8.25	16.0	1.125	2.14	18.50	TSO-C62
34	x 10.75	-16	16	210	16,500	145	49,500	34.45	33.65	10.45	9.80	31.10	8.85	0.88	14.15		8.25	16.0	1.125	2.34	18.50	TSO-C62
34	x 11		18		16,100	145	48,300	33.40	32.60	11.30	10.60	29.90	9.95	0.87	13.9	10.0	9.00	14.0	1.500		17.00	
34	x 11		20		18,300	165	54,900	33.40	32.60	11.30	10.60	29.90	9.95	0.87	13.9	10.0	9.00	14.0	1.500		17.00	
34	x 11		22	225	20,500	185	61,500	33.40	32.60	11.30	10.60	29.90	9.95	0.87	13.9	10.0	9.00	14.0	1.500	2.70	17.00	TSO-C62
*34	x 11.75	-14	12		12,010	80	36,030	34.65	33.45	12.00	11.40	30.90	10.20	0.86	14.0		9.13	14.0	1.100	1.75	16.20	
34	x 12.0	-12	14	190	11,300	85	33,900	34.00	33.10	12.00	11.35	30.00	10.55	0.92	13.4	8.3	9.00	12.0	1.250		14.50	TSO-C62
34	x 14.0	-12	24	174 kt	17,300	155	51,900	34.00	32.60	14.00	13.20	30.50	12.35	0.79	13.8		11.00	12.0	1.375	3.00	14.75	MIL-T-5041
34.5	x 9.75	-18	26	203 kt	32,000	360	96,000	34.50	33.70	9.75	9.15	31.55	8.40	0.85	14.9	11.6	7.50	18.0	1.250	2.55	20.50	
34.5	x 9.75	-18	26	225 kt	30,100	340	90,300	34.50	33.70	9.75	9.15	31.55	8.40	0.85	14.9	11.6	7.50	18.0	1.250	2.55	20.50	MIL-T-5041
H34.5	x 12.0	-14	14		13,100	94	39,300	34.50	33.70	12.00	11.40	30.90	10.60	0.85	14.0		8.00	14.0	0.850	2.25	15.70	
*35	x 9.0	-17	14		14,000	150	42,000	35.00	33.90	9.00	8.70	31.70	8.30	1.00			7.25	17.0	1.100	2.25	19.20	
*35	x 9.0	-17	16		16,310	170	48,930	35.00	33.90	9.00	8.70	31.70	8.30	1.00			7.25	17.0	1.100	2.25	19.20	
*35	x 9.0	-17	18		18,730	190	56,190	35.00	33.90	9.00	8.70	31.70	8.30	1.00			7.25	17.0	1.100	2.52	19.20	
35	x 10.0	-17	26		29,500	280	88,500	35.55	34.55	10.20	9.70	32.20	9.00	0.91	15.1		8.62	17.0	1.375	2.50	19.75	
35	x 11.5																					

Aircraft tire data



BIAS TYPE VII + THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledger Width	D _F Outer Flange Diameter	
H36	x 12.0	-16	16	190	16,900	125/109	50,700	36.00	35.15	12.00	11.35	34.00	10.80	0.83	14.75		8.25	16.0	1.125	2.34	18.50	TSO-C62
H36	x 12.0	-18	18	210	21,525	177	64,575	36.00	35.20	12.00	11.35	34.20	10.80	0.75	15.15		7.75	18.0	1.200	2.40	20.40	TSO-C62
36	x 11.0	-18	30	262	35,800	317	107,400	35.80	34.90	10.40	9.85	34.10	9.35	0.86	15.25		8.50	18.0	1.750	3.20	21.50	MIL-T-5041
*36	x 13.0	-12	6		6,350	29	19,050	36.50	35.50	13.15	12.44	32.10	11.20	0.93	15.6		8.27	12.0	1.000	1.10	14.00	
37	x 11.5	-16	28	219	31,200	245	93,600	37.00	36.10	11.50	10.90	33.20	10.10	0.72	15.3	11.1	9.00	16.0	1.375	3.15	18.75	MIL-T-5041
37	x 11.75	-16	10	180	10,400	94	31,200	37.00	36.22	11.80	11.20	33.30	10.40	0.89	15.0		10.00	16.0	1.000	1.63	18.00	
37	x 11.75	-16	12		13,800	165	41,400	37.00	36.22	11.80	11.20	33.30	10.40	0.89	15.0		10.00	16.0	1.000	1.63	18.00	
37	x 13.0	-16	20		22,200	165	66,600	37.00	36.10	13.00	12.30	33.20	11.45	0.81	15.4	10.8	9.00	16.0	1.375	2.60	18.75	
37	x 13.0	-16	26	225	29,300	220	87,900	37.00	36.10	13.00	12.30	33.20	11.45	0.81	15.4	10.8	9.00	16.0	1.625	3.20	19.25	TSO-C62
37	x 13.0	-16	28	225	32,000	240	96,000	37.00	36.10	13.00	12.30	33.20	11.45	0.81	15.4	10.8	9.00	16.0	1.625	3.20	19.25	TSO-C62
37	x 14.0	-14	24	225	25,000	160	75,000	37.00	36.05	14.00	13.30	32.85	12.00	0.83	15.1	10.4	11.00	14.0	1.500	3.00	17.00	TSO-C62
H37	x 14.0	-15	20	225	22,000	135	66,000	37.00	36.10	14.00	13.30	33.05	12.30	0.79	15.0	11.0	9.00	15.0	1.300	2.70	17.60	
H37	x 14.0	-15	22	225	24,100	145	72,300	37.00	36.10	14.00	13.30	33.05	12.30	0.79	15.0	11.0	9.00	15.0	1.300	2.80	17.60	TSO-C62
H37	x 14.0	-15	24	225	26,700	160	80,100	37.00	36.10	14.00	13.30	33.05	12.30	0.79	15.0	11.0	9.00	15.0	1.300	3.00	17.60	TSO-C62
H37	x 14.0	-15	24	235	26,700	160	80,100	37.00	36.10	14.00	13.30	33.05	12.30	0.79	15.0	11.0	9.00	15.0	1.300	3.00	17.60	TSO-C62
38	x 11		14	225	15,400	130	46,200	37.10	36.00	11.50	10.80	33.65	10.10	0.83	15.7	12.3	9.00	18.0	1.375	2.20	20.75	MIL-T-5041
H38	x 12.0	-19	20	210	25,275	192	75,825	38.00	37.20	12.00	11.35	36.10	10.80	0.79	16.0		7.75	19.0	1.300	2.73	21.60	TSO-C62
H38	x 13.0	-18	18	225	22,250	154	66,750	38.00	37.15	13.00	12.30	36.00	11.70	0.77	15.8		8.50	18.0	1.200	2.40	20.40	TSO-C62
39	x 13		14	190	15,000	100	45,000	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.250	2.20	18.50	TSO-C62
39	x 13		14	210	15,000	100	45,000	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.250	2.20	18.50	TSO-C62
39	x 13		16	225	17,200	115	51,600	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.250	2.30	18.50	MIL-T-5041
39	x 13		16	225	17,200	115	51,600	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.250	2.30	18.50	TSO-C62
39	x 13		18		19,400	130	58,200	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.250	2.50	18.50	
39	x 13		20		22,300	150	66,900	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.250	2.75	18.50	
39	x 13		22	190	24,600	165	73,800	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.250	2.80	18.50	TSO-C62
39	x 13		24	210	27,400	188	82,200	38.25	37.30	13.00	12.25	34.25	11.45	0.86	15.8	11.0	10.00	16.0	1.375	3.05	18.75	TSO-C62
40	x 12		14	104 kt	14,500	95	43,500	39.70	38.55	12.35	11.70	35.50	10.90	0.88	16.6	12.3	10.00	18.0	1.500	2.38	21.00	
40	x 12		16		18,500	130	55,500	39.40	38.40	12.35	11.70	35.50	10.90	0.87	16.6	12.3	10.00	18.0	1.500	2.40	21.00	
40	x 12		18	210	21,000	150	63,000	39.40	38.40	12.35	11.70	35.50	10.90	0.87	16.6	12.3	10.00	18.0	1.500	2.50	21.00	TSO-C62
40	x 12		20	210	23,900	170	71,700	39.40	38.40	12.35	11.70	35.50	10.90	0.87	16.6	12.3	10.00	18.0	1.500	2.60	21.00	TSO-C62
40	x 12		22		26,700	190	80,100	39.40	38.40	12.35	11.70	35.50	10.90	0.87	16.6	12.3	10.00	18.0	1.500	2.75	21.00	
40	x 14		14		14,500	90	43,500	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	2.30	19.25	
40	x 14		16	210	17,300	105	51,900	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	2.40	19.25	TSO-C62
40	x 14		20		22,300	135	66,900	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	2.65	19.25	
40	x 14		22		25,000	155	75,000	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	2.80	19.25	
40	x 14		24	210	27,700	170	83,100	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	2.95	19.25	TSO-C62
40	x 14		24	225	27,700	170	83,100	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	2.95	19.25	TSO-C62
40	x 14		28	200	33,500	200	100,500	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	3.20	19.25	MIL-T-5041
40	x 14		28	210	33,100	200	99,300	39.80	38.85	14.00	13.25	35.10	12.00	0.86	16.5	11.6	11.00	16.0	1.625	3.20	19.25	TSO-C62
H40	x 14.0	-19	20	225	27,100	166	81,300	40.00	39.10	14.00	12.00	36.25	12.00	0.76	16.6		9.00	19.0	1.200	2.50	21.40	
C40	x 14.0	-21	22		25,400	155	76,200	40.00	38.90	14.00	13.25	37.35	10.60	0.68	16.7	13.4	6.75	21.0	0.800	2.25	22.60	
C40	x 14.0	-21	24		28,100	170	84,300	40.00	38.90	14.00	13.25	37.35	10.60	0.68	16.7	13.4	6.75	21.0	0.800	2.25	22.60	
C40	x 14.0	-21	26		30,900	185	92,700	40.00	38.90	14.00	13.25	37.35	10.60	0.68	16.7	13.4	6.75	21.0	0.800	2.40	22.60	
H40	x 14.5	-19	22	210	30,100	180	90,300	40.00	39.10	14.50	13.75	36.25	12.80	0.73	16.7	13.1	9.50	19.0	1.400	2.90	21.80	TSO-C62
H40	x 14.5	-19	22	225	30,100	180	90,300	40.00	39.10	14.50	13.75	36.25	12.80	0.73	16.7	13.1	9.50	19.0	1.400	2.90	21.80	TSO-C62
H40	x 14.5	-19	24	225	33,200	200	99,600	40.00	39.10	14.50	13.75	36.25	12.80	0.73	16.7	13.4	9.50	19.0	1.400	3.10	21.80	TSO-C62
H40	x 14.5	-19	26	225	36,800	220	110,400	40.00	39.10	14.50	13.75	36.25	12.80	0.73	16.7	13.4	9.50	19.0	1.400	3.10	21.80	TSO-C62
H40	x 14.5	-19	26	235	36,800	220	110,400	40.00	39.10	14.50	13.75	36.25	12.80	0.73	16.7	13.4	9.50	19.0	1.400	3.10	21.80	TSO-C62
40	x 15.5	-16	26	235	36,300	180	108,900	40.00	39.05	15.50	14.75	35.70	13.65	0.78	16.1	11.6	10.00	16.0	1.250	3.20	18.50	
40	x 15.5	-16	28	235	39,500	195	118,500	40.00	39.05	15.50	14.75	35.70	13.65	0.78	16.1	11.6	10.00	16.0	1.250	3.40	18.50	TSO-C62
40	x 16.0	-14	26	210	29,200	155	87,600	40.00	39.00	16.00	15.20			0.82	16.1		12.50	14.0	1.500		17.00	MIL-T-5041
B40	x 18.0	-16	20		27,600	130	82,800	40.00	39.00	18.00	17.15	35.70	15.85	0.67	16.1	11.4	11.00	16.0	1.625		19.25	
C40	x 18.0	-17	20		27,500	92	82,500	40.00	39.10	18.00	17.15	35.85	15.85	0.65	15.6		9.00	17.0	0.800	2.38	18.60	
40.5	x 15.5	-16	28		34,200	190	102,600	40.50	39.50	15.50	14.70	38.10	14.00	0.79	16.7		11.50	16.0	1.750	3.50	19.50	
41	x 15.0	-18	22	225	28,600	170	85,800	41.00	40.05	15.00	14.25	36.90	13.20	0.77	17.2	12.3	12.75	18.0	1.625	2.90	21.25	TSO-C62
41	x 15.0	-18	24	225	31,400	190	94,200	41.00	40.05	15.00	14.25	36.90	13.20	0.77	17.2	12.3	12.75	18.0	1.625	3.00	21.25	TSO-C62

Aircraft tire data



BIAS TYPE VII + THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledger Width	D _F Outer Flange Diameter	
43	x 16.0	-20	28	200	38,600	215	115,800	43.00	42.10	16.00	15.20	38.90	14.15	0.72	17.9	13.8	13.00	20.0	1.750	3.45	23.50	MIL-T-5041
H43.5	x 16.0	-21	26	225	40,600	210	121,800	43.50	42.55	16.00	15.20	41.25	14.40	0.70	18.2	13.7	10.50	21.0	1.600	3.31	24.20	TSO-C62
44	x 13		26		35,000	210	105,000	43.55	42.30	13.50	12.80	39.45	11.80	0.87	18.4	13.7	11.00	20.0	1.875	3.15	23.75	MIL-T-5041
44	x 16		18		20,300	100	60,900	43.25	42.30	16.00	15.05	38.20	13.70	0.80	17.9	12.5	13.25	18.0	1.625	3.00	21.25	
44	x 16		28	200	38,400	185	115,200	43.25	42.30	16.00	15.05	38.20	13.70	0.80	17.9	12.5	13.25	18.0	1.625	3.25	21.25	MIL-T-5041
44	x 16		30	210	41,700	210	125,100	43.25	42.30	16.00	15.05	38.20	13.70	0.80	17.9	12.5	13.25	18.0	1.625	3.40	21.25	TSO-C62
44	x 16		30	225	41,700	210	125,100	43.25	42.30	16.00	15.05	38.20	13.70	0.80	17.9	12.5	13.25	18.0	1.625	3.40	21.25	TSO-C62
44	x 16		32	225	45,000	225	135,000	43.25	42.30	16.00	15.05	38.20	13.70	0.80	17.9	12.5	13.25	18.0	1.625	3.55	21.25	TSO-C62
44.5	x 16.0	-21	34	263	60,900	315	182,700	44.50	43.50	16.00	15.20	40.70	14.10	0.74	18.4	13.4	10.50	21.0	1.250		23.50	MIL-T-5041
44.5	x 16.5	-18	30	225	42,500	195	127,500	44.50	43.50	16.50	15.70	39.70	14.50	0.81	18.4	13.0	13.25	18.0	1.250	3.55	20.50	TSO-C62
44.5	x 16.5	-18	32	225	45,800	210	137,400	44.50	43.50	16.50	15.70	39.70	14.50	0.81	18.4	13.0	13.25	18.0	1.250	3.73	20.50	
H44.5	x 16.5	-20	24	225	36,200	165	108,600	44.50	43.50	16.50	15.70	40.10	14.55	0.75	18.3	14.2	10.50	20.0	1.625	3.25	23.25	
H44.5	x 16.5	-20	26	225	39,600	180	118,800	44.50	43.50	16.50	15.70	40.10	14.55	0.75	18.3	14.2	10.50	20.0	1.500	3.45	23.00	TSO-C62
H44.5	x 16.5	-20	28	225	42,800	195	128,400	44.50	43.50	16.50	15.70	40.10	14.55	0.75	18.3	14.2	10.50	20.0	1.500	3.50	23.00	TSO-C62
44.5	x 16.5	-21	26		41,100	198	123,300	44.50	43.50	16.50	15.70	42.20	14.80	0.71	18.5	14.0	10.50	21.0	1.600	3.30	24.20	
H44.5	x 16.5	-21	26	225	41,100	198	123,300	44.50	43.50	16.50	15.70	42.20	14.80	0.71	18.5	14.0	10.50	21.0	1.600	3.30	24.20	TSO-C62
H44.5	x 16.5	-21	28	225	44,700	214	134,100	44.50	43.50	16.50	15.70	42.20	14.80	0.71	18.5	14.0	10.50	21.0	1.600	3.40	24.20	TSO-C62
H45	x 17.0	-20	26	225	40,000	175	120,000	45.00	44.00	17.00	16.20	40.50	15.00	0.74	18.5	14.2	11.00	20.0	1.600	3.25	23.20	TSO-C62
B46	x 16.0	-23.5	30	214	53,800	260	161,400	46.00	45.10	16.00	15.20	42.20	14.10	0.71	19.4	14.7	10.50	23.5	1.250		26.00	MIL-T-5041
B46	x 16.0	-23.5	30	276	53,800	260	161,400	46.00	45.10	16.00	15.20	42.20	14.10	0.71	19.4	14.7	10.50	23.5	1.250		26.00	MIL-T-5041
46	x 16		20		29,900	145	89,700	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	2.85	23.25	
46	x 16		22		32,500	155	97,500	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	2.94	23.25	
46	x 16		24		35,700	170	107,100	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	3.00	23.25	
46	x 16		26		38,300	185	114,900	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	3.10	23.25	
46	x 16		28	225	41,800	210	125,400	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	3.25	23.25	TSO-C62
46	x 16		30	210	44,800	225	134,400	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	3.40	23.25	TSO-C62
46	x 16		30	225	44,800	225	134,400	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	3.40	23.25	TSO-C62
46	x 16		32	225	48,000	245	144,000	45.25	44.30	16.00	15.05	40.70	14.10	0.80	19.0	13.6	13.25	20.0	1.625	3.55	23.25	TSO-C62
B46	x 16.0	23.5	30	276	53,800	260	161,400	46.00	45.10	16.00	15.20	42.20	14.10	0.71	19.65	14.7	10.50	23.5	1.250	3.15	26.00	
H46	x 18.0	-20	26	225	41,500	170	124,500	46.00	45.00	18.00	17.15	41.30	15.85	0.73	18.8	14.3	11.00	20.0	1.600	3.35	23.20	
H46	x 18.0	-20	28	225	44,200	180	132,600	46.00	45.00	18.00	17.15	41.30	15.85	0.73	18.8	14.5	11.00	20.0	1.625	3.55	23.20	TSO-C62
H46	x 18.0	-20	32	225	51,100	205	153,300	46.00	45.00	18.00	17.15	41.30	15.85	0.73	18.8	14.5	11.00	20.0	1.625	3.80	23.20	TSO-C62
H46	x 18.0	-20	32	235	51,100	205	153,300	46.00	45.00	18.00	17.15	41.30	15.85	0.73	18.8	14.5	11.00	20.0	1.625	3.80	23.20	TSO-C62
H46	x 18.0	-20	34	235	55,300	220	165,900	46.00	45.00	18.00	17.15	41.30	15.85	0.73	18.8	14.5	11.00	20.0	1.700	3.80	23.40	
47	x 15.75	-22.1	32	279	51,500	223	158,500	48.10	47.20	16.00	14.05	43.40	14.05	0.82	19.9	14.0	12.75	22.1	1.750	3.75	25.60	
47	x 18.0	-18	30	225	43,700	175	131,100	46.90	46.00	18.00	17.25	41.60	16.34	0.81	19.2	12.5	14.75	18.0	1.625		21.25	
47	x 18.0	-18	36	250	54,000	215	162,000	46.90	46.00	18.00	17.25	41.60	16.34	0.81	19.2	12.5	14.75	18.0	1.625		21.25	MIL-T-5041
49	x 17		26	225	39,600	170	118,800	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.05	23.50	MIL-T-5041
49	x 17		26	200	39,600	165	118,800	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.25	23.50	MIL-T-5041
49	x 17		28	210	43,200	180	129,600	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.35	23.50	TSO-C62
49	x 17		30	210	46,700	195	140,100	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.50	23.50	TSO-C62
49	x 17		30	225	46,700	195	140,100	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.50	23.50	TSO-C62
49	x 17		32	225	50,400	210	151,200	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.65	23.50	TSO-C62
49	x 17		32	235	50,400	210	151,200	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.65	23.50	TSO-C62
49	x 17		34		53,900	220	161,700	48.75	47.70	17.25	16.40	43.00	14.50	0.84	20.2	14.0	13.25	20.0	1.750	3.80	23.50	
49	x 18.0	-22	30		50,900	219	152,700	49.00	48.00	18.00	17.15	46.30	16.20	0.75	20.6	13.6	13.75	22.0	1.875	3.75	25.75	
49	x 18.0	-22	32		54,800	235	164,400	49.00	48.00	18.00	17.15	46.30	16.20	0.75	20.6	13.6	13.75	22.0	1.875	3.95	25.75	
49	x 19.0	-20	32	235	51,900	195	155,700	49.00	48.00	19.00	18.15	43.80	16.70	0.77	20.3	14.5	13.25	20.0	1.625	3.75	23.25	TSO-C62
49	x 19.0	-20	34	235	55,700	215	167,100	49.00	48.00	19.00	18.15	43.80	16.70	0.77	20.3	14.5	13.25	20.0	1.875	3.95	23.75	TSO-C62
49	x 19.0	-20	34	245	55,700	215	167,100	49.00	48.00	19.00	18.15	43.80	16.70	0.77	20.3	14.5	13.25	20.0	1.875	3.95	23.75	TSO-C62
49	x 19.0	-20	36		59,000	225	177,000	49.00	48.00	19.00	18.15	43.80	16.70	0.77	20.3	14.5	13.25	20.0	1.875	3.95	23.75	
H49	x 19.0	-22	24		41,000	155	123,000	49.00	48.00	19.00	18.15	46.30	17.10	0.71	20.2	16.5	12.00	22.0	1.700	3.50	25.40	
H49	x 19.0	-22	32	235	56,600	205	169,800	49.00	48.00	19.00	18.15	46.30	17.10	0.71	20.2	16.5	12.00	22.0	1.700	3.95	25.40	
H49	x 19.0	-22	34		60,700	220	182,200	49.00	48.00	19.00	18.15	46.30	17.10	0.71	20.2	16.5	12.00	22.0	1.700	4.15	25.40	
50	x 18		26		41,765	155	125,295	49.40	48.40	17.50	16.70	44.00	15.35	0.84	20.5	14.3	14.25	20.0	1.750	3.50	23.50	
50	x 20.0	-20	24		38,200	135																

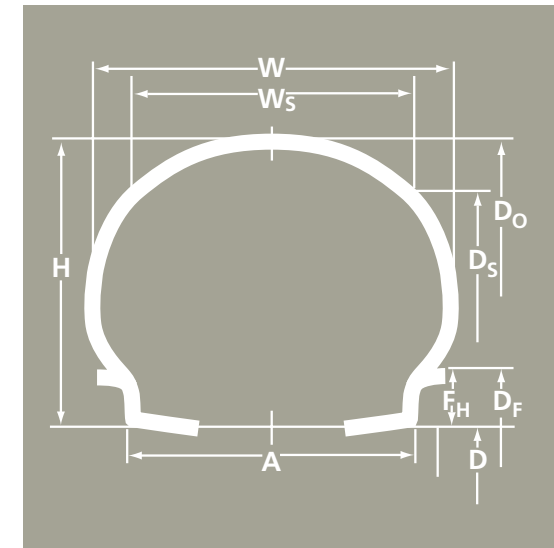
Aircraft tire data



BIAS TYPE VII + THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	D _o MAX.	D _o MIN.	W MAX.	W MIN.	D _s MAX.	W _s MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledge Width	D _F Outer Flange Diameter	
52	x 20.5	-20	34		57,800	185	173,400	52.00	51.00	20.50	19.60	46.25	18.05	0.79	21.3	14.3	16.25	20.0	1.875	3.95	23.75	TSO-C62
52	x 20.5	-20	36	225	62,500	200	187,500	52.00	51.00	20.50	19.60	46.25	18.05	0.79	21.3	14.3	16.25	20.0	1.875	4.20	23.75	
52	x 20.5	-20	38		65,300	210	195,900	52.00	51.00	20.50	19.60	46.25	18.05	0.79	21.3	14.3	16.25	20.0	1.875	4.55	23.75	
52	x 20.5	-23	26		55,000	165	165,000	52.00	51.00	20.50	19.60	46.80	18.05	0.71	21.3	15.9	13.00	23.0	1.875	3.25	26.75	
52	x 20.5	-23	28	235	59,500	180	178,500	52.00	51.00	20.50	19.60	46.80	18.05	0.71	21.3	15.9	13.00	23.0	1.875	3.25	26.75	
52	x 20.5	-23	30	235	63,700	195	191,100	52.00	51.00	20.50	19.60	46.80	18.05	0.71	21.3	15.9	13.00	23.0	1.500	3.25	26.00	TSO-C62
54	x 21.0	-23	32		61,300	202	183,900	54.00	53.00	21.00	20.10	50.90	18.90	0.74	22.5		16.25	23.0	1.500	3.80	26.00	
54	x 21.0	-23	36		68,500	223	205,500	54.00	53.00	21.00	20.10	50.90	18.90	0.74	22.5		16.25	23.0	2.000	4.20	27.00	
H54	x 21.0	-24	34	235	68,100	200	204,300	54.00	53.00	21.00	20.10	51.00	18.90	0.72	22.2		13.00	24.0	2.000	4.25	28.00	TSO-C62
H54	x 21.0	-24	36	235	72,200	212	216,600	54.00	53.00	21.00	20.10	51.00	18.90	0.72	22.2		13.00	24.0	1.800	4.25	27.60	
56	x 16		24	174 kt	45,000	178	135,000	55.90	54.80	16.20	15.50	50.85	14.26	0.88	24.1	18.7	12.75	28.0	2.250	3.88	32.50	
56	x 16		32	250	60,000	250	180,000	55.90	54.80	16.20	15.50	50.85	14.26	0.88	24.1	18.7	12.75	28.0	2.250	4.60	32.50	MIL-T-5041
56	x 16		38	250	76,000	315	228,000	55.90	54.80	16.20	15.50	50.85	14.26	0.88	24.1	18.7	12.75	28.0	2.250	4.60	32.50	MIL-T-5041
56	x 20.0	-20	24	210	38,500	110	115,500	56.00	54.80	20.00	19.10	49.50	17.60	0.91	22.7	15.2	15.50	20.0	1.800	3.40	23.60	TSO-C62

* This dimensional data for this size was defined in metric units which, for consistency, has been converted to english units.



BIAS THREE PART (METRIC CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (mm)						ASPECT RATIO	STATIC LOADED RADIUS (mm)		RIM DESCRIPTION (mm)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (kg)	INFLATION PRESSURE (UNLOADED) (bar)	APPROX. BOTTOMING LOAD (kg)	D _o MAX.	D _o MIN.	W MAX.	W MIN.	D _s MAX.	W _s MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledge Width	D _F Outer Flange Diameter	
355	x 120	-5	8		800	5.0	2,400	361	347	126	118	319	107	0.93	145		88.9	127.0	19.1	20.3	165.2	TSO-C62
355	x 150	-4	4	160	550	2.7	1,650	14.42*	13.42*	6.50*	5.75*				142		112.0	101.6	16.0	20.0	133.6	
360	x 135	-6	12		1,355	10.7	4,065	367	355	139	131	332	125	0.77	169		108.0	152.4	22.2	38.0	196.8	
360	x 135	-6	14		1,590	12.4	4,770	367	355	139	131	332	125	0.77	169		108.0	152.4	22.2	38.0	196.8	
360	x 135	-6	16		1,400	13.5	4,200	367	355	139	131	332	125	0.77	169		108.0	152.4	22.2	38.0	196.8	
380	x 150	-4	6		630	2.6	1,890	392	375	155	145	310	140	0.94	152		128.0	101.6	18.0	25.0	137.6	
380	x 150	-4	8		856	4.0	2,568	392	375	155	145	310	140	0.94	152		128.0	101.6	18.0	25.0	137.6	
380	x 150	-5	6		725	3.1	2,175	387	371	150	140	346	135	0.87	150		95.0	127.0	13.3	18.0	153.6	
420	x 150	-6.5	6		510	2.5	1,530	437	420	150	134	394	135	0.91	178		96.2	165.1	18.4	19.0	201.9	
450	x 190	-5	10		1,590	5.2	4,770	465	445	195	185	405	175	0.87	180		160.0	127.0	18.0	35.0	163.0	
450	x 190	-5	22		4030	15.5	12,090	465	445	195	185	405	175	0.87	182		160.0	127.0	24.0	66.0	175.0	
545	x 175	-254	10		2,400	7.6	7,200	553	537	179	171	480	156	0.84	228		159.0	254.0	19.0	35.0	292.0	
545	x 175	-254	12		2,855	9.1	8,565	553	537	179	171	480	156	0.84	228		159.0	254.0	19.0	35.0	292.0	
550	x 250	-6	8		1,440	2.9	4,320	560	540	255	245	500	205	0.80	220		210.0	152.4	22.0	42.0	196.4	
550	x 250	-6	10		1,890	4.1	5,670	560	540	255	245	500	205	0.80	220		210.0	152.4	22.0	42.0	196.4	
550	x 250	-6	12		2,400	5.0	7,200	560	540	255	245	500	205	0.80	220		210.0	152.4	22.0	42.0	196.4	
605	x 155	-13	10		2,940	11.3	8,820	613	594	164	153	566	148	0.86	260		138.0	330.2	20.3	40.0	370.8	
615	x 225	-10	10		2,630	6.3	7,890	625	605	230	220	540	195	0.81	260		200.0	254.0	22.5	40.0	299.0	
615	x 225	-10	12		3,240	7.7	9,720	625	605	230	220	540	195	0.81	260		200.0	254.0	22.5	40.0	299.0	
615	x 225	-10	12	244	3,240	7.7	9,720	625	605	230	220	540	195	0.81	260		200.0	254.0	22.5	40.0	299.0	
640	x 170	-14	14		3,540	12.5	10,620	650	630	175	165	595	155	0.84	285		127.0	355.6	25.4	42.0	406.4	
670	x 210	-12	8		1,930	5.7	5,790	680	655	215	200	615	190	0.87	290		176.0	304.8	20.0	52.0	344.8	
670	x 210	-12	10	160	3,040	7.4	9,120	680	655	215	200	615	190	0.87	290		176.0	304.8	20.0	52.0	344.8	TSO-C62
750	x 230	-15	12	262	4,940	9.9	14,820	765	745	235	220	710	190	0.87	325		178.0	381.0	24.0	55.0	429.0	AIR-8505
750	x 230	-15	14	262	5,965	11.8	17,895	765	745	235	220	710	190	0.87	325		178.0	381.0	24.0	55.0	429.0	AIR-8505
750	x 230	-15	18		7,620	15.5	22,860	765	745	235	220	710	190	0.87	325		178.0	381.0	24.0	55.0	429.0	
790	x 275	-15	20		8,650	14.7	25,950	800	775	285	265	764	255	0.87	345		228.0	381.0	31.8	65.0	444.6	
960	x 345	-18	26		12,240	11.7	36,720	978	948	350	330	870	315	0.87	418		275.0	457.2	30.0	90.0	517.2	

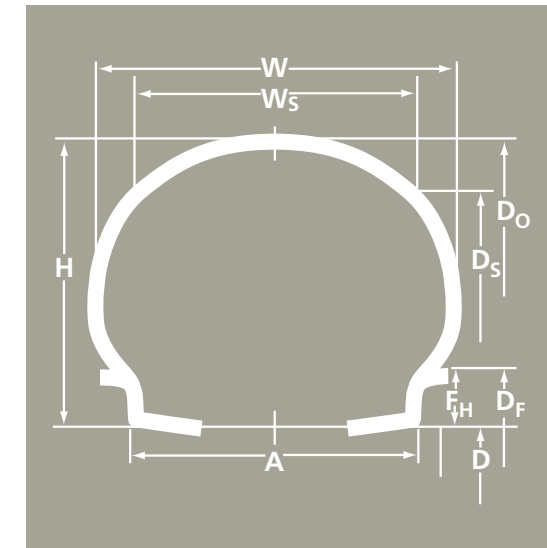
* Inches.

Aircraft tire data



RADIAL CIVIL THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING		INFLATED TIRE DIMENSIONS (inches)				ASPECT RATIO	GROWN STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. STATIC LOAD (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	D _G	W _G	D _{SG}	W _{SG}		MAX.	MIN.	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledge Width	D _F Outer Flange Diameter	
14.5	x 5.5	R 6		225	3,250	177	15.00	5.75	13.40	5.05	0.77	6.45	6.15	4.25	6.0	0.875	1.50	7.75	TSO-C62
16	x 4.4	R 8	10	190	2,900	155	16.40	4.65	15.55	4.20	0.90	6.80	7.05	3.50	8.0	0.812	1.20	9.62	TSO-C62
16	x 4.4	R 8	12	190	3,525	207	16.40	4.65	14.90	4.10	0.90	6.90	7.20	3.50	8.0	0.812	1.20	9.62	TSO-C62
17.5	x 5.75	R 8		225	3,375	145	18.00	6.00	17.00	5.26	0.83	7.88	7.54	4.25	8.0	0.875	1.40	9.75	TSO-C62
20	x 4.4	R 12	14	190	6,000	265	20.40	4.65	19.80	4.10	0.90	8.75	9.05	3.50	12.0	0.812	1.00	13.624	TSO-C62
23.5	x 8.0	R 12	14	190	9,425	212	24.25	8.35	23.00	7.50	0.72	10.55	10.10	6.25	12.0	1.000	2.145	14.00	TSO-C62
25.75	x 6.75	R 14	14	210	10,300	237/199	26.35	7.05	25.15	6.35	0.87	11.60	11.20	5.00	14.0	1.000	1.70	16.00	TSO-C62
26	x 6.6	R 14	12	210	8,600	185	26.32	6.92	24.02	6.08	0.88	11.60	11.15	5.00	14.0	1.000	1.50	16.00	TSO-C62
26	x 6.6	R 14	14	210	10,000	225	26.32	6.92	24.02	6.08	0.88	11.60	11.15	5.00	14.0	1.000	1.70	16.00	TSO-C62
26	x 6.6	R 14	14	225	10,000	225	26.32	6.92	24.02	6.08	0.88	11.60	11.15	5.00	14.0	1.000	1.70	16.00	TSO-C62
27	x 7.75	R 15	12	225	9,650	200	27.70	8.10	25.40	7.15	0.77	12.20	11.75	6.00	15.0	1.000	1.65	17.00	TSO-C62
29	x 7.7	R 15		225	12,350	199	29.08	8.16	26.55	7.18	0.85	12.55	12.05	6.00	15.0	1.000	1.65	17.00	TSO-C62
29	x 7.7	R 15	16	225	13,800	230	29.10	8.20	26.55	7.20	0.85	12.70	12.20	6.00	15.0	1.000	1.65	17.00	TSO-C62
30	x 8.8	R 15	16	225	14,340	203	31.17	9.26	29.55	8.33	0.86	13.50	12.91	7.00	15.0	1.125	2.10	17.25	TSO-C62
32	x 8.8	R 16	10	190	9,000	115	31.80	9.25	28.70	8.20	0.84	13.60	13.00	7.00	16.0	1.125	1.50	18.25	TSO-C62
32	x 8.8	R 16	12	190	11,000	140	31.80	9.25	28.70	8.20	0.84	13.60	13.00	7.00	16.0	1.125	1.65	18.25	TSO-C62
H34	x 10.0	R 16	14	190	13,400	130	34.85	10.40	32.95	9.35	0.90	14.75	14.00	7.00	16.0	1.125	2.15	18.25	TSO-C62
40	x 14.0	R 16	22	225	25,630	157	41.02	14.56	36.08	12.48	0.86	17.30	16.40	11.00	16.0	1.625	2.95	19.25	TSO-C62
H40	x 14.5	R 19	24	225	32,200	200	41.30	15.10	39.05	13.06	0.73	17.40	16.60	9.50	19.0	1.400	3.10	21.80	TSO-C62
42	x 17.0	R 18	26	235	36,100	194	43.50	17.70	40.95	15.95	0.71	18.33	17.42	14.00	18.0	1.625	3.30	21.25	TSO-C62
43	x 17.5	R 17	32	235	45,500	215	44.55	18.20	41.80	16.40	0.74	18.65	17.65	13.25	17.0	1.750	3.891	20.50	TSO-C62
45	x 16.0	R 20	28	225	42,000	222	45.66	16.64	42.07	14.64	0.76	19.45	18.54	13.25	20.0	1.750	3.75	23.50	TSO-C62
45	x 18.0	R 17	36	235	50,300	216	46.60	18.75	43.65	16.85	0.78	19.50	18.45	14.00	17.0	2.125	4.20	21.25	TSO-C62
46	x 17.0	R 20	30	225	46,000	222	47.50	17.70	44.75	15.95	0.77	20.15	19.20	13.25	20.0	1.875	3.70	23.75	TSO-C62
47	x 15.75	R22.1	32	279	51,500	223	49.37	16.7	47.64	11.28	0.82	20.25		12.75	22.1	1.750	3.75	25.62	TSS 5.3
49	x 17.0	R 20	30	225	48,145	200	50.26	17.94	44.21	15.08	0.84	21.15	20.05	13.25	20.0	1.875	3.95	23.75	TSO-C62
49	x 17.0	R 20	32	225	50,400	210	50.26	17.94	44.21	15.08	0.84	21.15	20.05	13.25	20.0	1.875	3.95	23.75	TSO-C62
50	x 20.0	R 22	26	235	45,200	177	51.75	20.80	48.80	18.75	0.70	21.90	20.83	15.00	22.0	1.875	3.15	25.75	TSO-C62
50	x 20.0	R 22	32	235	57,100	220	51.75	20.80	48.80	18.75	0.70	21.90	20.83	15.00	22.0	1.875	3.15	25.75	TSO-C62
52	x 21.0	R 22	36	235	66,500	227	53.85	21.85	50.70	19.70	0.71	22.75	21.60	16.00	22.0	2.125	3.750	26.25	TSO-C62



RADIAL CIVIL THREE PART (METRIC CODE)

TIRE DESCRIPTIONS					APPLICATION RATING		INFLATED TIRE DIMENSIONS (inches)				ASPECT RATIO	GROWN STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. STATIC LOAD (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	D _G	W _G	D _{SG}	W _{SG}		MAX.	MIN.	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledge Width	D _F Outer Flange Diameter	
435	x 190	R 5	10	190	3,600	87	18.20	8.00	15.70	7.15	0.81	7.30	6.85	6.30	5.0	0.710	1.25	6.42	TSO-C62
915	x 300	R 16	20	225	21,000	186	37.00	12.30	34.90	10.80	0.84	15.43	14.70	9.00	16.0	1.375	2.60	18.75	TSO-C62
1050	x 395	R 16	28	235	34,200	190	42.65	16.15	40.00	14.20	0.82	17.55	16.60	11.50	16.0	1.750	3.60	19.50	TSO-C62
1270	x 455	R 22	30	225	50,900	219	51.55	18.75	48.60	15.00	0.78	21.55	20.50	13.75	22.0	1.875	3.75	25.75	TSO-C62
1270	x 455	R 22	32	225	54,800	235	51.55	18.75	48.60	15.00	0.78	21.55	20.50	13.75	22.0	1.875	3.95	25.75	TSO-C62
1400	x 530	R 23	32	235	61,300	202	56.85	21.70	53.45	19.10	0.76	23.60	22.35	16.25	23.0	2.000	3.80	27.00	TSO-C62
1400	x 530	R 23	36	235	68,500	223	56.85	21.70	53.45	19.10	0.76	23.60	22.35	16.25	23.0	2.000	4.20	27.00	TSO-C62
1400	x 530	R 23	40	235	74,950	249	56.85	21.70	53.45	19.10	0.76	23.60	22.35	16.25	23.0	2.500	3.50	28.00	TSO-C62



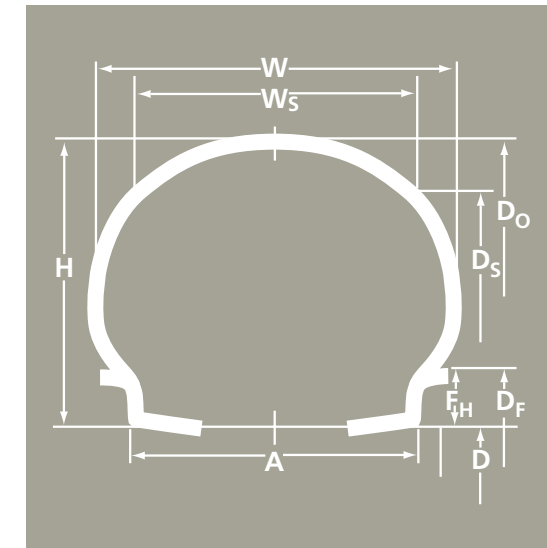
Aircraft tire data



RADIAL MILITARY THREE PART (INCH CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledge Width	D _F Outer Flange Diameter	
18	x 7.75	R 6		235	6,340	235	25,600	18.00		7.75		17.44	6.97	0.77	7.4	4.4	5.75	6.0	0.875		7.75	MIL-T-5041
20	x 4.4	R 12	14	255	6,500	265		20.40*		4.65*		19.80*		0.90			3.50	12.0	0.812	1.30	13.624	MIL-T-5041
20	x 8.5	R 6.5		253	10,300	308	47,200	20.80*		8.66*		18.78*	7.80*	0.79			6.25	6.5	1.125	1.38	8.75	MIL-T-5041
22	x 7.75	R 9	26	242	12,400	305	43,540	22.20	21.45	7.80	7.05	20.74	5.70	0.85	9.0	6.3	6.25	9.0	1.125		11.25	MIL-T-5041
23.5	x 7.5	R 10	22	248	14,000	290	42,800	24.31*		7.87*		21.73*	6.92*	0.90	9.7	7.4	5.75	10.0	1.000	2.25	12.00	MIL-T-5041
25.5	x 8.0	R 14	20	250	16,200	310	31,970	25.50	24.80	8.00	7.55	23.14	6.84	0.72	10.6	9.2	5.75	14.0	1.000	2.10	16.00	MIL-T-5041
27.75	x 8.75	R 14.5	24	259	21,500	320	42,490	27.75	27.05	8.75	8.25	24.60	7.48	0.76	11.4	9.8	6.00	14.5	1.200		16.90	MIL-T-5041
28	x 9.5	R 15		235	20,683	348	47,570	28.00*		9.50*		26.70*	8.55*	0.68	11.9	9.7	7.50	15.0	1.125		17.25	MIL-T-5041
30.5	x 10.5	R 17		265	22,682	328	58,800	31.38*		10.28*		29.65*	9.00*	0.64			8.25	17.0	1.250	2.64	19.50	MIL-T-5041
30	x 11.5	R 14.5	24	210 kts	25,000	302	67,200	29.43*		11.50*		27.68*	10.20*	0.65	12.3	9.5	9.75	14.5	1.250	2.75	17.00	MIL-T-5041
30	x 11.5	R 14.5	26	276	27,090	276		29.43*		11.50*		27.68*	10.20*	0.65			9.75	14.5	1.250	2.75	17.00	MIL-T-5041
30	x 11.5	R 14.5	26	250	26,600	319	67,700	31.00*		11.50*		27.54*	10.20*	0.72	12.1	9.6	9.75	14.5	1.250	2.75	17.00	MIL-T-5041
30	x 7.7	R 16		189	12,016	362	54,000	29.40	28.60	7.85	7.40	26.90	6.95	0.85	13.2	10.3	6.00	16.0	1.000		18.00	AIR 8505
36	x 11.0	R 16	22	190	23,300	200	68,300	35.10	34.00	11.50	10.80	31.65	10.10	0.83	14.4	10.4	9.00	16.0	1.375	2.90	18.75	MIL-T-5041
36	x 11.0	R 18	30	261	35,800	305	82,340	36.00	34.90	11.00	9.45	34.53	7.78	0.86	14.8	12.8	8.50	18.0	1.750		21.50	MIL-T-5041
37	x 11.5	R 18	28	248	36,000	275	87,600	38.00*		11.96*		36.00*	10.76*	0.83	15.60	12.60	9.00	18.0	1.750	3.30	21.50	MIL-T-5041

* Grown dimensions.



RADIAL MILITARY THREE PART (METRIC CODE)

TIRE DESCRIPTIONS					APPLICATION RATING			INFLATED TIRE DIMENSIONS (inches)						ASPECT RATIO	STATIC LOADED RADIUS (inches)		RIM DESCRIPTION (inches)					QUALIFICATION STANDARD
M	SIZE N	D	PLY RATING	SPEED INDEX (mph)	MAX. LOADING (lbs)	INFLATION PRESSURE (UNLOADED) (psi)	APPROX. BOTTOMING LOAD (lbs)	Do MAX.	Do MIN.	W MAX.	W MIN.	Ds MAX.	Ws MAX.		AT RATED LOAD	AT BOTTOMING LOAD	A Width Between Flanges	D Specified Rim Diameter	F _H Flange Height	G Min. Ledge Width	D _F Outer Flange Diameter	
360	x 135	R 6		233	2,585	130	7,868	14.40	13.95	5.45	5.15	13.05	4.95	0.77	6.0	4.4	4.25	6.0	0.875		7.75	AIR 8505
360	x 135	R 6		224	2,686	138	7,868	14.40	13.95	5.45	5.15	13.05	4.95	0.77	6.0	4.4	4.25	6.0	0.875		7.75	AIR 8505
360	x 135	R 6		177	3,136	232	12,140	14.40	13.95	5.45	5.15	13.40	4.80	0.77	6.4	4.6	4.25	6.0	0.875		7.75	AIR 8505
365	x 150	R 4		206	1,855	72	8,093	14.70	14.05	6.10	5.75	12.95	5.45	0.88	5.8	3.3	5.00	4.0	0.710		5.42	AIR 8505
435	x 190	R 5		228	4,080	108	16,299	17.50	16.75	7.70	7.25	15.50	6.95	0.81	6.7	3.5	6.30	5.0	0.710		6.42	AIR 8505
490	x 155	R 9		189	3,561	232	24,700	19.60	19.00	6.30	5.90	17.90	5.65	0.84	8.9	6.3	5.25	9.0	1.000		11.00	AIR 8505
520	x 140	R 10.5		177	2,922	348	31,500	20.75	20.15	5.70	5.35	19.55	5.00	0.90	9.8	7.0	4.25	10.5	1.000		12.50	AIR 8505
535	x 250	R 6		244	4,316	87	21,357	21.50	20.60	10.15	9.50	19.05	9.10	0.76	8.6	4.3	8.27	6.0	0.866		7.73	AIR 8505
550	x 200	R 10		224	6,297	218	28,663	22.00	21.30	8.10	7.65	20.10	7.30	0.74	9.7	6.7	6.00	10.0	0.875		11.75	AIR 8505
600	x 155	R 13		233	7,857	184	22,481	23.95	23.30	6.30	5.95	22.20	5.65	0.87	10.1	8.0	5.25	13.0	0.800		14.60	AIR 8505
615	x 225	R 10		162	7,081	104	24,700	24.65	23.80	9.10	8.60	22.30	8.20	0.80	10.1	6.6	7.75	10.0	0.875		11.75	AIR 8505
615	x 225	R 10		206	7,980	123	29,225	24.65	23.80	9.10	8.60	22.30	8.20	0.80	10.3	6.5	7.75	10.0	0.875		11.75	AIR 8505
615	x 225	R 10		244	7,576	102	24,700	24.65	23.80	9.10	8.60	22.30	8.20	0.80	9.9	6.5	7.75	10.0	0.875		11.75	AIR 8505
750	x 230	R 15		262	13,600	192	40,465	29.95	29.10	9.35	8.80	27.55	8.40	0.80	12.5	9.5	7.00	15.0	0.950		16.90	AIR 8505
750	x 230	R 15		224	16,267	215	48,334	29.95	29.10	9.35	8.80	27.55	8.40	0.80	12.5	9.5	7.00	15.0	0.950		16.90	AIR 8505
790	x 275	R 15		242	19,040	232	65,000	31.60	30.60	11.15	10.50	29.60	9.80	0.74	13.3	9.5	9.00	15.0	1.250		17.50	AIR 8505
790	x 275	R 15		226	21,450	392	101,000	31.60	30.60	11.15	10.50	29.60	9.80	0.74	14.0	9.8	9.00	15.0	1.375		17.75	AIR 8505



Aircraft tire application data

The application information presented within this manual is based on the most current information available and is intended for use as a general reference only. Any inquiries regarding specific model aircraft should be directed to the applicable airframe manufacturer. Your requirements may vary depending on the actual configuration of your aircraft.

All Michelin aircraft tires are manufactured in accordance with TSO-C62, MIL-T-5041 or AIR8505A and/or applicable airframe manufacturer specifications. Additionally, all tires sizes included in this manual may not necessarily be available from Michelin. Contact your Michelin representative for specific tire information and availability.

Failure to make this verification and to install unapproved tires on a aircraft may result in tire failure causing property damage, serious injury, or loss of life.



Aircraft tire application data

BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
AERO TECHNOLOGY OF AUSTRALIA	N-22		LS	8.00-6	8	TT	8.00-6	8	TT	
	N-24		LS	8.00-6	8	TT	8.00-6	8	TT	
AEROSPATIALE	MS760	Jet	190	26 x 6.6		TL	17.5 x 6.25-6	8	TT	
	TB-10	Tobago	LS	6.00-6	6	TT	5.00-5	6	TT	
	TB-20	Trinidad	LS	15 x 6.0-6	6	TT	5.00-5	6	TT	
	TB-21	Trinidad	LS	15 x 6.0-6	6	TT	5.00-5	6	TT	
ALON	415	Ecoupe	LS	5.00-5	4	TT	5.00-5	4	TT	
	F-1A	Aircoupe	LS	6.00-6	4	TT	6.00-6	4	TT	
AYRES CORPORATION	S2R	Thrush	LS	8.50-10	10	TL	12.5 x 4.5	4		Tailwheel
	S2R15	Turbo Thrush	LS	29 x 11.0-10	10	TL	12.5 x 4.5	4		Tailwheel
BEAGLE AVIATION	B 121	Pup	LS	6.00-6	4	TT	6.00-6	4	TT	
	B 206		LS	6.00-6	4	TT	6.00-6	4	TT	
BEECH	BE 17	Stagger Wing	LS	6.00-6	6	TT	5.00-5	4	TT	
	BE 17R	Stagger Wing:	LS	15 x 6.0-6	4	TT	5.00-5	4	TT	
	BE 18	Twin Beech	LS	11.00-12	8	TL	14.50"	8	TL	
	BE 18H	Twin Beech	LS	8.50-10	8	TL	8.50-10	8	TL	
	BE 19	Musketeer	LS	6.00-6	4	TT	6.00-6	4	TT	
	BE 23, II, III	Musketeer	LS	6.00-6	4	TT	6.00-6	4	TT	
	BE 23C	Sundowner	LS	6.00-6	4	TT	6.00-6	4	TT	
	BE 24	Super Musketeer	LS	6.00-6	4	TT	15 x 6.0-6	4	TT	
	BE 24-R	Super Sierra	LS	6.00-6	4	TT	5.00-5	4	TT	
	BE 33	Bonanza	LS	7.00-6	6	TT	5.00-5	4	TT	
	BE 33A	Bonanza	LS	7.00-6	6	TT	5.00-5	4	TT	
	BE 35	Bonanza	LS	7.00-6	6	TT	5.00-5	4	TT	
	BE 35B	Bonanza	LS	7.00-6	6	TT	5.00-5	4	TT	
	BE 36	Bonanza	LS	7.00-6	6	TT	5.00-5	4	TT	
	BE 50	Twin Bonanza	LS	8.50-10	6	TT	6.50-10	6	TT	
	BE B55	Baron	LS	6.50-8	8	TT	5.00-5	6	TT	
	BE C55	Baron	LS	6.50-8	8	TT	6.00-5	6	TT	
	BE E55	Baron	LS	6.50-8	8	TT	5.00-5	6	TT	
	BE 56TC	Baron	LS	6.50-8	8	TT	5.00-5	6	TT	
	BE 58	Baron	160	19.5 x 6.75-8	10	TL	15 x 6.0-6	4	TT	
	BE 60	Duke	160	19.5 x 6.75-8	10	TL	15 x 6.0-6	4	TT	
	BE 65	Queen Air	LS	8.50 x 10	8	TL	6.50-10	6	TL	
	BE 70	Queen Air	LS	8.50 x 10	8	TL	6.50-10	6	TL	
	BE 76	Duchess	LS	6.00-6	6	TT	5.00-5	6	TT	
	BE 77	Skipper	LS	15 x 6.0-6	4	TT	5.00-5	6	TT	
	BE 80	Queen Air	LS	8.50-10	8	TL	6.50-10	6	TL	
	BE 88	Queen Air	LS	8.50-10	8	TL	6.50-10	6	TL	
	BE 90	King Air	LS	8.50-10	8	TL	6.50-10	6	TL	
	BE 95	Travelair	LS	7.00-6	6	TT	5.00-5	6	TT	
	BE 99	Airliner	LS	18 x 5.5	5	TL	6.50-10	6	TL	
	BE C99	Airliner	LS	18 x 5.5	10	TL	6.50-10	6	TL	
	BE F90	King Air	160	18 x 5.5	8	TL	22 x 6.75-10	8	TL	
	BE 100	King Air	LS	18 x 5.5	8	TL	6.50-10	6	TL	
BE 200	Super King Air	160	18 x 5.5	8	TL	22 x 6.75-10	8	TL		
BE 200 Alt	Super King Air	160	22 x 6.75-10	8	TL	22 x 6.75-10	8	TL		
BE 2000	Starship I	160	19.5 x 6.75-10	10	TL	19.5 x 6.75-8	10	TL		
BE 300/350	Super King Air	160	22 x 6.75-10	8	TL	19.5 x 6.75-8	10	TL		
BE 400 A	Beech Jet	210	24 x 7.7	16	TL	18 x 4.4	10	TL		
BE 1900	Airliner	160	22 x 6.75-10	8	TL	19.5 x 6.75-8	10	TL		
BE 1900C	Airliner	160	22 x 6.75-10	8	TL	19.5 x 6.75-8	10	TL		
BE 1900D	Airliner	LS	22 x 6.75-10	10	TL	19.5 x 6.75-8	10	TL		
BELLANCA	14	Cruzmaster	LS	6.00-6	6	TT	6.00-6	4	TT	
	17-30A	Viking	LS	6.00-6	6	TL	15 x 6.0-6	6	TT	
	17-31A	Super Viking	LS	6.00-6	6	TL	15 x 6.0-6	6	TT	
	17-31ATC	Turbo Viking	LS	6.00-6	6	TL	15 x 6.0-6	6	TT	
	260A	Bellanca	LS	6.00-6	6	TL	6.00-6	4	TT	

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) CH: Single Chine DCH: Dual Chine



Aircraft tire application data

BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
BELLANCA	7CBC	Citabria	LS	7.00-6	4	TT	5.00-5	4	TT	
	7ECA	Citabria	LS	6.00-6	4	TT	5.00-5	4	TT	
	7GCAA	Citabria	LS	6.00-6	4	TT	5.00-5	4	TT	
	7KCAB	Citabria	LS	7.00-6	4	TT	5.00-5	4	TT	
	8GCBC	Scout	LS	8.50-6	4/6		5.00-5	4	TT	
	8KCAB	Decathlon	LS	6.00-6	4	TT	5.00-5	4	TT	
	Viking	Viking	LS	6.00-6	6	TL	6.00-6	4	TT	
BERIEV	BE103			500 x 150			400 x 150			
	BE103 alt		120	7.00-6	6	TT				
	BE200			950 x 300			620 x 180			
BAE SYSTEMS	BE32			720 x 320(-10)			500 x 150			
	748	Intercity	160	32 x 10.75-14	12		8.50-10	8/10		
	HS-125	Series ≤ 700	210	23 x 7.0-12	10	TL	18 x 4.25-10	6	TL	CH
	BAe 125	Series ≤ 700	210	23 x 7.0-12	10	TL	18 x 4.25-10	6	TL	CH
BOMBARDIER (Canadair)	Jetstream 3100	Jetstream 31	160	28 x 9.0-12	12	TL	6.00-6	8	TL	
	Jetstream 3200	Jetstream 32	160	28 x 9.0-12	12	TL	6.00-6	8	TL	
	Jetstream 4100	Jetstream 41	160	22 x 6.75-10	12	TL	17 x 6.25-6	8	TL	
	CL-215/ 215T	Water Bomber	160	15.00-16	16	TL	6.50-10	10	TT	
	CL-415	Water Bomber	160	15.00-16	16	TL	6.50-10	10	TT	
	CL-600/601	Challenger	210	26 x 6.6	14	TL	18 x 4.4	12	TL	CH
	CL-601-3A/ 601-3R	Challenger	210	26 x 6.6	14	TL	18 x 4.4	12	TL	CH
CL-601-3A/ 601-3R	Challenger (Flotation)	210	25.75 x 6.75-14	14	TL	18 x 4.4	12	TL	CH	
CESSNA	CL-604	Challenger	210	H27 x 8.5-14	16	TL	18 x 4.4	12	TL	CH
	CRJ-100/200	Regional Jet	210	H29 x 9.0-15	16	TL	18 x 4.4	12	TL	CH
	CRJ-700	Regional Jet	210	H36 x 12.0-18	18	TL	H20.5 x 6.75-10	12	TL	CH
	Global Express			H38 x 12.0-19	20	TL	21 x 7.25-10		TL	
	T-50	Bobcat	LS	6.00-6	4	TL	5.00-5	4	TL	
	120, 140		LS	6.00-6	4	TT	5.00-5	4	TT	
	150, 152	Commuter, Aerobat	LS	6.00-6	4	TT	5.00-5	4	TT	
170		LS	6.00-6	4	TT	5.00-5	4	TT		
172	Skyhawk	LS	6.00-6	4	TT	5.00-5	4	TT		
172	Skyhawk II	LS	6.00-6	4	TT	5.00-5	4	TT		
172Q	Cutlass	LS	6.00-6	6	TT	5.00-5	4	TT		
R172	Hawk XP	LS	6.00-6	4	TT	5.00-5	4	TT		
172RG	Cutlass RG	LS	15 x 6.0-6	6	TT	5.00-5	4	TT		
175	Skylark	LS	6.00-6	4	TT	5.00-5	4	TT		
177	Cardinal	LS	6.00-6	6	TT	5.00-5	4	TT		
177RG	Cardinal RG	LS	6.00-6	6	TT	5.00-5	4	TT		
180	Skywagon	LS	6.00-6	6	TT	8.00"	6	TT		
182, T182	Skylane	LS	6.00-6	6	TT	5.00-5	6	TT		
182RG, T182RG	Skylane RG	LS	15 x 6.0-6	6	TT	5.00-5	4	TT		
185	Skywagon	LS	6.00-6	6	TT	10.00"	8	TT		
188	AG Wagon	LS	22 x 8.0-8	6	TT	8.00"	6	TT		
188 Alt	AG Wagon	LS	8.50-10	6	TT	10.00"	8	TT		
195		LS	6.00-6	6	TT	5.00-5	6	TT		
205		LS	6.00-6	6	TT	5.00-5	6	TT		
206	Station Air 6, 8	LS	6.00-6	6	TT	5.00-5	6	TT		
207	Skywagon	LS	6.00-6	8	TT	6.00-6	8	TT		
206, 207 Alt	Station Air 6, 8	LS	8.00-6	6	TT	6.00-6	4	TT		
208, 308	Caravan	LS	6.50-10	8	TT	6.50-8	8	TT		
208, 308	Caravan (Flotation)	LS	8.50-10	8	TT	22 x 8.0-8	6	TT		
210	Centurion	LS	6.00-6	8	TT	5.00-5	6	TT		
T210, P210	Turbo, Press	LS	6.00-6	8	TT	5.00-5	10	TT		
T303	Crusader	LS	6.00-6	8	TT	6.00-6	6	TT		
T303 Aft	Crusader	LS	6.50-8	8	TT	6.00-6		TT		
305	Bird Dog	LS	8.00-6	6	TL	8 x 3.0-4	4	TT	Tailwheel	
310, T310		LS	6.50-8	6	TT	6.00-6	4	TT		
320, 340		LS	6.50-10	6	TT	6.00-6	4	TT		
336	Skymaster	LS	18 x 5.5	8	TT	15 x 6.0-6	6	TT		

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) CH: Single Chine DCH: Dual Chine

Aircraft tire application data

BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear				
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design	
CESSNA	337	Super Skymaster	LS	18 x 5.5	8	TT	15 x 6.0-6	6	TT		
	340A		LS	6.50-10	8	TT	6.00-6	6	TT		
	401, 402		LS	6.50-10	8	TT	6.00-6	6	TT		
	404	Titan	160	22 x 7.75-10	10	TL	6.00-6	6	TT		
	406	Caravan II	LS	8.50-10	8	TT	22 x 8.0-8	6	TT		
	411		160	6.50-10	8	TT	6.00-6	6	TT		
	414	Chancellor	LS	6.50-10	8	TT	6.00-6	6	TT		
	421	Golden Eagle	LS	6.50-10	8	TT	6.00-6	6	TT		
	425	Corsair/Conquest I	LS	6.50-10	10	TT	6.00-6	6	TT		
	441	Conquest II	160	22 x 7.75-10	10	TL	6.00-6	6	TT		
	500, 501	Citation I	190	22 x 8.0-10	10	TL	18 x 4.4	10	TL	DCH	
	525	Citation Jet	190	22 x 7.75-10	8	TL	18 x 4.4	6	TL	DCH	
	550, 551	Citation II	190	22 x 8.0-10	10/12	TL	18 x 4.4	10	TL	DCH	
	S550	Citations SII	190	22 x 8.0-10	12	TL	18 x 4.4	10	TL	DCH	
	560	Citation V	190	22 x 8.0-10	12	TL	18 x 4.4	10	TL	DCH	
	560	EXCEL	190	23.5 x 8.0 R12	12	TL	18 x 4.4	10	TL	DCH	
	650	Citation III, VI, VII	190	22 x 5.75-12	10	TL	18 x 4.4	10	TL	DCH	
	680	Sovereign	190	26 x 6.6 R14	12	TL	16 x 4.4	10	TL	CH	
	750	Citation X	210	26 x 6.6 R14	14	TL	16 x 4.4	10	TL	CH	
	DASSAULT AVIATION	FALCON 10		190	22 x 5.75-12	8	TL	18 x 5.75-8	8	TL	DCH
FALCON 100			190	22 x 5.75-12	8	TL	18 x 5.75-8	8	TL	DCH	
FAICON 20			210	26 x 6.6 R14	14	TL	14.5 x 5.5 R6		TL	CH	
FALCON 20			210	26 x 6.6	10	TL	14.5 x 5.5-6	14	TL	CH	
FALCON 200			210	26 x 6.6 R14	14	TL	14.5 x 5.5 R6		TL	CH	
FALCON 200			210	26 x 6.6	10	TL	14.5 x 5.5-6	14	TL	CH	
FALCON 50, 50EX			210	26 x 6.6 R14	14	TL	14.5 x 5.5 R6		TL	CH	
FALCON 50, 50EX			210	26 x 6.6	14	TL	14.5 x 5.5-6	14	TL	CH	
FALCON 900, B, EX			225	29 x 7.7 R15		TL	17.5 x 5.75 R8		TL	CH	
FALCON 2000			225	26 x 6.6 R14	14	TL	14.5 x 5.5 R6		TL	CH	
FALCON 2000 EX			225	26 x 6.6 R14	14	TL	14.5 x 5.5 R6		TL	CH	
DE HAVILLAND Canada (Bombardier)		DHC-6	Twin Otter	160	11.00-12	8	TT	8.90-12.5	6	TT/TL	
		DHC-6	Twin Otter (Flotation)	160	15.00-12	10	TT	8.90-12.5	6	TT/TL	
	DHC-7	Dash 7	160	30 x 9.0-15	10	TT	6.50-10	10	TT		
	DHC-7	Dash 7 (Flotation)	160	33.5 x 10.75-15	12	TT	24 x 7.7	10	TT		
	DHC-8-100/200 series	Dash 8	160	26.5 x 8.0-13	12	TL	18 x 5.5	8	TL		
	DHC-8-100/200 series	Dash 8 (Flotation)	160	31 x 9.75-13	12	TL	22 x 6.5-10	6	TL		
	DHC-8-100/200 series	Dash 8 (Flotation)	190	H31 x 9.75-13	12	TL	22 x 6.5-10	6	TL		
	DHC-8-300	Dash 8	190	31 x 9.75-14	12	TL	22 x 6.5-10	6	TL		
	DHC-8-300	Dash 8	190	H31 x 9.75-14	12	TL	22 x 6.5-10	6	TL		
	DHC-8-400	Q400		H36 x 12.0-16	12	TL	22 x 6.5-10	6	TL		
	FAIRCHILD-DORNIER	DO 128-2	Sky Servant	LS	8.50-10	8	TL	5.50-4	8	TT	
		DO 228		160	25.5 x 8.75-10	10	TL	6.00-6	8	TT	
		DO 228-100	228-100	160	25.5 x 8.75-10	10	TL	6.00-6	8	TT	
DO 228-200		228-200	160	25.5 x 8.75-10	12	TL	6.00-6	8	TT		
DO 228-212				8.50-10	10	TL	6.00-6	6	TT		
DO 328-100		Turbo Prop	190	24 x 7.7	14	TL	19.5 x 6.75-8	10	TL		
DO 328-100		Turbo Prop	190	25.5 x 8.75-10	14	TL	19.5 x 6.75-8	10	TL		
DO 328-300/310		Jet	210	26 x 6.6 R14	14	TL	19.5 x 6.75-8	10	TL		
EMBRAER	CBA123	Vector	160	22 x 6.75-10	10	TL	16 x 4.4	6	TT		
	EMB-110/ 111	Bandeirante	160	670 x 210-12	10	TT	6.50-8	8	TT		
	EMB-120	Brasilia	190	24 x 7.25-12	10	TL	18 x 5.5	8	TL		
	EMB-120 ER	Brasilia	190	24 x 7.25-12	12	TL	18 x 5.5	8	TL		
	EMB-135 / 145 ER	19.0 / 20.6 T	210	30 x 9.5-14	16	TL	19.5 x 6.75-8	8	TL		
	EMB 145 LR	22.0T	210	H30 x 9.5-16	16	TL	19.5 x 6.75-8	8	TL		
	EMB 170		225	H38 x 13.0-18	18	TL	24 x 7.7	12	TL		
	EMB-202	Ipanema	LS	8.50-10	6	TT	10.00"		TT		

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) CH: Single Chine DCH: Dual Chine



Aircraft tire application data

BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
FAIRCHILD /SWEARINGEN	SA-226	Metro/Merlin	160	19.5 x 6.75-8	10	TL	18 x 4.4	6	TL	
	SA-226 Alt	Metro/Merlin	160	19.5 x 6.75-8	10	TL	18 x 4.4	10	TL	CH
	SA-227	Merlin I	160	19.5 x 6.75-8	10		18 x 4.4	10	TL	CH
	SA-227 AC	Merlin III	160	19.5 x 6.75-8	10		18 x 4.4	10	TL	CH
	SA-227 TT	Merlin III	190	19.5 x 6.75-8	10		18 x 4.4	10	TL	CH
	SA-227 AT	Merlin IV	160	19.5 x 6.75-8	10	TL	16 x 4.4	10	TL	CH
	SA-227 DC	Merlin 23	160	19.5 x 6.75-8	10		18 x 4.4	10	TL	CH
	FUJI FA-200		LS	6.50-8	6	TT	5.00-5	4	TT	
	KM-2		LS	6.50-8	6	TT	5.00-5	4	TT	
	GRUMMAN	G-111	Albatross	160	40 x 12	14	TT	26 x 6	10	TT
Government A/C Factories N22 / N24		Nomad	120	8.00-6	8	TT	8.00-6	8	TT	
GULFSTREAM AEROSPACE	112		LS	6.00-6	6	TT	5.00-5	4	TT	
	112 TC		LS	7.00-6	6	TT	5.00-5	6	TT	
	1121	Commodore Jet		24 x 7.7	16	TL	16 x 4.4	4	TL	
	114		LS	7.00-6	6	TT	5.00-5	6	TT	
	GA-7	Cougar	LS	6.00-6	6	TT	5.00-5	4	TT	
	690, A, B	Jetprop Commander		8.50-10	8	TL	6.00-6	6	TL	
	690C	Jetprop Commander		8.50-10	10	TL	15 x 6.0-6	6	TT	
	AA-1B	Trainer	LS	6.00-6	4	TT	5.00-5	4	TT	
	AA-5	Travelar	LS	6.00-6	4	TT	5.00-5	4	TT	
	AA-5A	Cheetah	LS	6.00-6	4	TT	5.00-5	4	TT	
AA-5B	Tiger	LS	6.00-6	6	TT	5.00-5	4	TT		
AE-1121	Jet Commander	LS	24 x 7.7	16	TL	16 x 4.4	4	TL		
AE-200	Commander	LS	7.00-6	6	TT	5.00-5	4	TT		
AE-500, B, U, S	Commander	LS	8.50-10	8	TL	6.00-6	6	TL		
AE-560, 560A	Commander	LS	8.50-10	6	TL	6.00-6	6	TL		
AE-560E, F	Commander	LS	8.50-10	8	TL	6.00-6	6	TL		
AE-680 T	Turbo Commander	LS	8.50-10	10	TL	16 x 4.4	4	TL		
AE-680 T Alt	Turbo Commander	LS	8.50-10	8	TL	6.00-6	6	TL		
AE-680 V		LS	8.50-10	8	TL	6.00-6	6	TL		
AE-680 W		LS	8.50-10	8	TL	6.00-6	6	TL		
AE-680, 680E	Commander	LS	8.50-10	8	TL	6.00-6	6	TL		
AE-680FL	Grand Commander	LS	8.50-10	8	TL	6.00-6	6	TL		
AE-680FP	Commander	LS	8.50-10	8	TL	6.00-6	6	TL		
At-681		LS	8.50-10	8	TL	6.00-6	6	TL		
AE-685		LS	8.50-10	8	TL	6.00-6	6	TL		
AE-720		LS	8.50-10	8	TL	6.00-6	6	TL		
AR-680F	Commander	LS	8.50-10	8	TL	6.00-6	6	TL		
AR-680FLP	Grand Commander P	LS	8.50-10	8	TL	6.00-6	6	TL		
G-158	AG-CAT	LS	8.50-10	6	TT	10.00"	8	TT		
G-159	Gulfstream I	160	7.50-14	12	TL	6.50-8	6	TL		
G-1159	Gulfstream II	210	34 x 9.25-16	16	TL	21 x 7.25-10	8	TL		
CH G-1159 S	Gulfstream II S	210	34 x 9.25-16	18	TL	21 x 7.25-10	10	TL	CH	
G-1159B	Gulfstream III	210	34 x 9.25-16	18	TL	21 x 7.25-10	10	TL	CH	
G-1159C	Gulfstream IV	225	34 x 9.25-16	18	TL	21 x 7.25-10	10	TL	CH	
G-1159C SP	Gulfstream IV SP	225	H34 x 9.25-18	18	TL	21 x 7.25-10	10	TL	CH	
HAWKER SIDDELEY	1C	Trident	210	34 x 9.5-18	14	TT	29 x 8.0-15	12	TT	
	1E, 2E, 3B	Trident	210	36 x 10.0-18	16	TT	29 x 8.0-15	12	TT	
	HS-125		210	23 x 7.0-12	10	TL	18 x 4.25-10	6	TL	CH
HS-748	AVRO	LS	32 x 10.75-14	12	TL	8.50-10	10	TT		
HELIO	H-250	Courier	LS	8.00-6	4	TT	10.00"	8	TT	
	H-250	Courier II	LS	8.00-6	4	TT	10.00"	8	TT	
	H-250	Courier (XWD)	LS	6.50-8	6	TT	10.00"	8	TT	
	H-295	Super Courier	LS	8.00-6	6	TT	10.00"	8	TT	
	H-295	Super Courier (XWD)	LS	6.50-8	6	TT	10.00"	8	TT	
	H-395	Courier	LS	8.00-6	4	TT	10.00"	8	TT	
	H-395	U10A/Courier	LS	8.00-6	4	TT	10.00"	8	TT	
	H-550A	Stallion	LS	7.50-10	8	TT	5.00-5	4	TT	
	H-634	Twin Stallion	LS	7.50-10	8	TT	5.00-5	4	TT	
	H-700		LS	7.50-10	8	TT	5.00-5	4	TT	
H-800		LS	8.00-6	4	TT	10.00"	8	TT		

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Aircraft tire application data

BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
IAI'	1121	Jet Commander	160	24 x 7.7	16/18	TL	16 x 4.4	4	TL	
	1123	Jet Commander	160	24 x 7.7	14	TL	16 x 4.4	4	TL	
	1124	Westwind	160	B24 x 9.5-10.5	18	TL	16 x 4.4	4	TL	
	1125	Astra	160	23 x 7.0-12	10	TL	16 x 4.4	6	TL	CH
	ARAVA		160	11.00-12	10	TL	9.00-6	10	TL	
	Galaxy		210	26 x 6.6 R14	14	TL	18 x 4.4	10	TL	CH
ICA ² -BRASOV	IAR-823		LS	6.00-6	6	TT	5.00-5	6	TT	
ILYUSHIN	IL 114			880 x 315(-14.2)		TL	620 x 180(-12)		TL	
IPTN	N250		190				7.00-8	16		
LAKE	C-1	Skimmer	LS	6.00-6	4	TT	5.00-4	4	TT	
	C-2	Skimmer	LS	6.00-6	4	TT	5.00-4	4	TT	
	LA 250/ 270	Renegade	LS	6.00-6	6	TT	5.00-5	4	TT	
	LA-4	Buccaneer	LS	6.00-6	4	TT	5.00-4	4	TT	
	LA-4	Amphibian	LS	6.00-6	4	TT	5.00-4	4	TT	
	LA-4-200	Amphibian	LS	6.00-6	6	TT	5.00-4	4	TT	
LEARJET	Learjet 23	Learjet	210	18 x 5.5	10	TL	18 x 4.4	10	TL	DCH
	Learjet 24	Learjet	210	18 x 5.5	10	TL	18 x 4.4	10	TL	DCH
	Learjet 25	Learjet	210	18 x 5.5	10	TL	18 x 4.4	10	TL	DCH
	Learjet 31	Learjet	210	17.5 x 5.75-8	12	TL	18 x 4.4	10	TL	DCH
	Learjet 35	Learjet	210	17.5 x 5.75-8	12	TL	18 x 4.4	10	TL	DCH
	Learjet 36	Learjet	210	17.5 x 5.75-8	12	TL	18 x 4.4	10	TL	DCH
	Learjet 54	Learjet	210	17.5 x 5.75-8	14	TL	18 x 4.4	10	TL	DCH
	Learjet 55	Learjet	210	17.5 x 5.75-8	14	TL	18 x 4.4	10	TL	DCH
	Learjet 56	Learjet	210	17.5 x 5.75-8	14	TL	18 x 4.4	10	TL	DCH
	Learjet 60	Learjet	210	17.5 x 5.75-8	14	TL	18 x 4.4	10	TL	DCH
LET	L-410/ L-420		LS	12.50-10		TL	9.00-6		TL	
	L-610G			1050 x 390-480		TL	720 x 310-10		TL	
LOCKHEED	SA60	Azacarte-60	LS	6.50-8	4	TT	6.00-6	4	TT	
	LG-1329	Jetstar	200	26 x 6.6	14	TL	18 x 4.4	10	TL	CH
	Jetstar II	Jetstar II	200	26 x 6.6	14	TL	18 x 4.4	12	TL	CH
MAULE	M-4	Jetasen	LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	M-4 210	Rocket	LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	M-4 220	Strata Rocket	LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	M-5 180	Lunar Rocket	LS	6.00-6		TT	8 x 3.5-4			Tailwheel
	M-5 210	Lunar Rocket	LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	M-5 220	Strata Rocket	LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	M-5 235	Lunar Rocket	LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	M-6		LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	M-7 235	Super Rocket	LS	6.00-6	4	TT	8 x 3.5-4			Tailwheel
	MITSUBISHI	MU-2	Solitaire	LS	8.50-10	8	TT	5.00-5	6	TT
MU-2		Marquis	LS	8.50-10	8	TT	5.00-5	6	TT	
MU-300		Diamond I	210	24 x 7.7	12	TL	18 x 4.4	10	TL	DCH
MOONEY	M18	Mite	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20A	Mark A	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20C	Ranger	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20D	Master	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20E	Chaparral	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20G	Stateman	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20J	201	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20K	Turbo 231	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20L		LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-20M		LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-21	Mark 21	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-21C	Super	LS	6.00-6	6	TT	5.00-5	4	TT	
	MO-22	Mustang	LS	6.00-6	6	TT	15.00-6	4	TT	
	MO20F	Executive	LS	6.00-6	6	TT	5.00-5	4	TT	
	MSE		LS	6.00-6	6	TT	5.00-5	4	TT	
	TLS		LS	6.00-6	6	TT	5.00-5	4	TT	

1. IAI: Israel Aircraft Industries
2. ICA: Interprinderea de Constructii Aeronautice

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Aircraft tire application data

BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT



Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
NAVION	A Through H	Rangemaster	LS	6.00-6	6	TT	6.00-6	6	TT	
NORD	N262	Mohawk	LS	39 x 13	14	TL	9.00-6	10	TL	
PARTENAVIA	P68C	Victor	LS	6.00-6	6	TT	5.00-5	6	TT	
PIAGGIO	P136		160	8.50-10	8	TT	6.00-6	6	TT	
	P149		160	8.50-10	8	TT	6.00-6	6	TT	
	P166		160	8.50-10	8	TT	6.00-6	6	TT	
	P180	Avanti	160	6.50-10	12	TL	5.00-5	8	TL	
PILATUS	PC-6	Turbo Porter	LS	7.50-10	8	TT	5.00-4	6	TT	
	PC-6 Alt		LS	11.00-12	8	TT	5.00-4	6	TT	
	PC-12		160	8.50-10	10	TL	17.5 x 6.25-6	8	TL	
	PC-12 Alt		160	11.00-12	6	TL	17.5 x 6.25-6	8	TL	
PILATUS	BN-2A	Islander	LS	7.00-6	6	TL	7.00-6	6	TL	
BRITTEN-NORMAN	BN-2A MkIII	Trislander	LS	7.00-6	6	TL	7.00-6	6	TL	
	BN-2B-20	Islander	LS	16 x 7.7			16 x 7.7			
PIPER	600/601B (PA60)	Aerostar	LS	6.50-8	8	TL	6.00-6	6	TT	
	601P (PA60-601P)	Aerostar	LS	6.50-8	8	TL	6.00-6	6	TT	
	602P (PA60-602P)	Aerostar	LS	6.50-8	8	TL	6.00-6	6	TT	
	700P (PA60-700P)	Aerostar	LS	6.50-8	8	TL	6.00-6	6	TT	
	J-2	Cub	LS	8.00-4	4	TT	6 x 2			Solid
	J-3	Cub	LS	8.00-4	4	TT	6 x 2			Solid
	J-4	Coupe	LS	8.00-4	4	TT	6 x 2			Solid
	J-5	Cruiser	LS	8.00-4	4	TT	6 x 2			Solid
	PA-11	Cub Special	LS	8.00-4	4	TT	6 x 2			Solid
	PA-12	Cub Super Cruiser	LS	8.00-4	4	TT	6 x 2			Solid
	PA-14	Cub Family Cruiser	LS	8.00-4	4	TT	6 x 2			Solid
PA-15	Cub Vagabond	LS	8.00-4	4	TT	6 x 2			Solid	
PA-16	Cub Clipper	LS	8.00-4	4	TT	6 x 2			Solid	
PA-17	Cub Vagabond	LS	8.00-4	4	TT	6 x 2			Solid	
PA-18-135	Super Cub	LS	8.00-4	4	TT	6 x 2			Solid	
PA-18-150	Super Cub	LS	6.00-6	4	TT	6 x 2			Solid	
PA-18-150 Alt	Super Cub	LS	7.00-6	6	TT	6 x 2			Solid	
PA-18-150 Alt	Super Cub	LS	8.00-6	4	TT	6 x 2			Solid	
PA-19	Pacer	LS	6.00-6	4	TT	6 x 2			Solid	
PA-20	Pacer	LS	6.00-6	6	TT	6.00-6	6	TT		
PA-22	Colt	LS	6.00-6	6	TT	6.00-6	6	TT		
PA-22	Tri Pacer	LS	6.00-6	6	TT	6.00-6	6	TT		
PA-23-160-235	Apache	LS	7.00-6	6	TT	6.00-6	4	TT		
PA-23-250	Aztec	LS	7.00-6	8	TT	6.00-6	4	TT		
PA-24-180	Comanche	LS	6.00-6	4	TT	6.00-6	4	TT		
PA-24-250, 260, 400	Comanche	LS	6.00-6	6	TT	6.00-6	4	TT		
PA-25-150	Pawnee	LS	7.00-6	4	TT	8 x 3.0-4	4	TT		
PA-225-235, 236, 260	Pawnee	LS	8.00-6	4	TT	8 x 3.0-4	4	TT		
PA-28-140	Cherokee	LS	6.00-6	4	TT	6.00-6	4	TT		
PA-28-150	Cherokee	LS	6.00-6	4	TT	6.00-6	4	TT		
PA-28-151, 161	Warrior / Cadet	LS	6.00-6	4	TT	5.00-5	4	TT		
PA-28-160	Cherokee 160	LS	6.00-6	4	TT	6.00-6	4	TT		
PA-28-180	Cherokee	LS	6.00-6	4	TT	6.00-6	4	TT		
PA-28-181	Archer II	LS	6.00-6	4	TT	5.00-5	4	TT		
PA-28-235	Cherokee	LS	6.00-6	4	TT	6.00-6	4	TT		
PA-28-235	Pathfinder 235	LS	6.00-6	4	TT	5.00-5	4	TT		
PA-28-236	Dakota 236	LS	6.00-6	4	TT	5.00-5	4	TT		
PA-28R / 200 / 201	Arrow, Arrow I, Arrow II	LS	6.00-6	6	TT	5.00-5	4	TT		
PA-28 RT-201 / 201T	Arrow II & IV, Dakota	LS	6.00-6	6	TT	5.00-5	4	TT		
PA-30	Twin Comanche	LS	6.00-6	6	TT	6.00-6	6	TT		
PA-31	Navajo & Navajo C/R	LS	6.50-10	8	TT	6.00-6	6	TT		
PA-31-350	Chieftian	LS	6.50-10	8	TT	6.00-6	6	TT		
PA-31P	Pressurized Navajo	LS	6.50-10	8	TT	6.00-6	8	TT		
PA-31P-350	Mojave	LS	6.50-10	8	TT	17.5 x 6.25-6	10	TT		
PA-31 T-500	Cheyenne	LS	6.50-10	10	TT	6.00-6	6	TT		

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) CH: Single Chine DCH: Dual Chine

Aircraft tire application data

BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear				
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design	
PIPER	PA-31 T-620	Cheyenne II/IXL	LS	6.50-10	12	TL	6.00-6	6	TT		
	PA-31 T2	Cheyenne IIXL	LS	6.50-10	12	TL	6.00-6	6	TT		
	PA-31 T-1	Cheyenne I	LS	6.50-10	8	TT	18 x 4.4	6	TT		
	PA-31 T-1 500	Cheyenne IA	LS	6.50-10	12	TL	6.00-6	6	TT		
	PA-32 6-300	6-300	LS	6.00-6	6	TT	6.00-6	6	TT		
	PA-32-260 / 300	Cherokee Six	LS	6.00-6	4	TT	6.00-6	4	TT		
	PA-32-301/ 301T	Saratoga II HP/TC/SP	LS	6.00-6	8	TT	5.00-5	6	TT		
	PA-32RT-300	Lance/Lance II & T	LS	6.00-6	8	TT	6.00-6	4	TT		
	PA-34-200	Seneca III/III/V/V	LS	6.00-6	8	TT	6.00-6	6	TT		
	PA-36	Brave 285/300/375	LS	8.50-10	6	TT	10 x 3.5-4			Tailwheel	
	PA-38	Tomahawk	LS	6.00-6	6	TT	5.00-5	6	TT		
	PA-39	Twin Comanche	LS	6.00-6	6	TT	6.00-6	6	TT		
	PA-42-720	Cheyenne III/IIA	LS	6.50-10	12	TL	17.5 x 6.25-6	10	TT		
	PA-42	Cheyenne 400/ 1000	LS	6.50-10	12	TL	17.5 x 6.25-6	10	TT		
	PA-44-180/ 180T	Seminole	LS	6.00-6	8	TT	5.00-5	6	TT		
	PA-46-310	Malibu/ Mirage 350P	LS	6.00-6	8	TT	5.00-5	6	TT		
	U7A		LS	8.00-4	4	TT				Tailskid	
	PROMAVIA	JET SQUALUS		LS	6.00-6	8	TL	5.00-5	4	TT	
	PZL-MIELEC	M18	Dromader		800 x 260			380 x 150			
		M20	Mewa	160	6.00-6	8		6.00-6	8		
M26		Iskierka	160	6.00-6	8		6.00-6	8			
M28		Skytruck		720 x 230			595 x 185-280				
PZL-WARSZAWA		PZL104	Wilga		500 x 200		255 x 110				
	PZL105	Flamingo		500 x 200		250 x 125					
	PZL110	Kolibier		380 x 150		330 x 130					
RAYTHEON	Hawker 800		210	23 x 7.0-12	12	TL	18 x 4.25-10	6	TL	CH	
	Hawker 1000		210	23 x 7.0-12	12	TL	18 x 4.25-10	6	TL	CH	
	Hawker 4000	Horizon	210	26 x 6.6 R14	14	TL	18 x 4.4	12	TL		
	Premier	One	190	H22 x 8.25-10	12	TL	18 x 4.4	6	TL		
REIMS	150		LS	6.00-6	4	TT	5.00-5	4	TT		
	150		LS	6.00-6	4	TT	5.00-5	4	TT		
	152		LS	6.00-6	4	TT	5.00-5	4	TT		
	172		LS	6.00-6	4	TT	5.00-5	4	TT		
	180		LS	6.00-6	6	TT	8.00	6	TT		
	182		LS	6.00-6	6	TT	5.00-5	6	TT		
	206		LS	6.00-6	6	TT	5.00-5	6	TT		
	310		LS	6.50-8	6	TT	6.00-6	4	TT		
	337		LS	18 x 5.5	8	TT	15 x 6.0-6	6	TT		
	F406		LS	8.50-10	8	TT	22 x 8.0-8	6	TT		
	ROBIN (APEX)	DR200		LS	380 x 150-5	6	TT	380 x 150-5	6	TT	
		DR250		LS	380 x 150-5	6	TT	6 x 2		TT	Solid
		DR400	Dauphin	LS	380 x 150-5	6	TT	380 x 150-5	6	TT	
DR500		President	LS	380 x 150-5	6	TT	380 x 150-5	6	TT		
R3000			LS	15 x 6.0-6			5.00-5				
ROCKWELL INTERNATIONAL	100	Darter	LS	6.00-6	6	TT	6.00-6	6	TT		
	100	Laark	LS	6.00-6	6	TT	6.00-6	6	TT		
	112		LS	6.00-6	6	TT	5.00-5	4	TT		
	114		LS	7.00-6	6	TT	5.00-5	4	TT		
	200		LS	7.00-6	6	TT	6.00-6	4	TT		
	500	Twin Commander	160	8.50-10	8	TT	6.00-6	6	TT		
	520F	Twin Commander	160	8.50-10	8	TT	6.00-6	6	TT		
	560	Twin Commander	160	8.50-10	8	TT	6.00-6	6	TT		
	680	Turbo Commander	LS	8.50-10	8	TT	6.00-6	6	TT		
	685	Turbo Commander	160	8.50-10	10	TT	6.00-6	6	TT		
	690	Turbo Commander	160	8.50-10	10	TT	16 x 4.4	6	TT		
	695	Turbo Commander	160	8.50-10	10	TT	15 x 6.0-6	6	TT		
	700	Turbo Commander	160	8.50-10	10	TT	15 x 6.0-6	6	TT		
840	Turbo Commander	160	8.50-10	10	TT	15 x 6.0-6	6	TT			
SMB-SCANIA	SAAB 2000		210	32 x 8.8	14		18 x 5.5	8			
	SAAB 340B		190	24 x 7.7	14		17.5 x 6.25-6	8			

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) CH: Single Chine DCH: Dual Chine

Aircraft tire application data



BUSINESS, PERSONAL, UTILITY AND REGIONAL AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
SABRELINER	NA-40/ 60	Sabreliner	190	26 x 6.6	14	TL	18 x 4.4	10	TL	CH
	NA-40/ 60	Sabreliner	190	26 x 6.75-14	14	TL	18 x 4.4	10	TL	CH
	NA-60A/ 65	Sabreliner	190	26 x 6.75-14	16	TL	18 x 4.4	10	TL	CH
	NA-75/ 75A	Sabreliner	190	22 x 5.75-12	10	TL	18 x 4.4	10	TL	CH
SHORTS	SC7	Skyvan	160	34 x 10.75-16	12	TT	9.00-6	10	TT	
	SD3-30	330	160	34 x 10.75-16	12	TT	9.00-6	10	TT	
	SD3-60	360	160	34 x 10.75-16	12	TT	9.00-6	10	TT	
SLINGSBY AVIATION	T.67	Firefly	LS	15 x 6.0-6	4	TT	5.00-5	6	TT	
	SOCATA	Rallye	100S	LS	15 x 6.0-6	6	TT	5.00-4		TT
Rallye		100ST	LS	15 x 6.0-6	6	TT	5.00-4		TT	
Rallye		110/ 150ST	LS	15 x 6.0-6	6	TT	5.00-4		TT	
Rallye		150SV/ SVS	LS	15 x 6.0-6	6	TT	5.00-4		TT	
Rallye		180T/ TSRallye	LS	15 x 6.0-6	6	TT	5.00-4		TT	
Rallye		235A/E	LS	6.00-6	6	TT	5.00-4		TT	
Rallye		235C/CA	LS	8.00-6	6	TT	5.00-4		TT	
Rallye		MS880	LS	6.00-6	6	TT	5.00-4		TT	
Rallye		MS89 2-3-4	LS	6.00-6	6	TT	5.00-4		TT	
Tangara		Cougar	LS	6.00-6	6	TT	15 x 6.0-6	6	TT	
TB9		Tampico	LS	15 x 6.0-6	6	TT	5.00-5	6	TT	
TB10		Tobago	LS	6.00-6	6	TT	5.00-5	6	TT	
TB20		Trinidad	LS	15 x 6.0-6	6	TT	5.00-5	6	TT	
TB200	Tobago XL	LS	6.00-6	6	TT	5.00-5	6	TT		
TB21	Trinidad TC	LS	15 x 6.0-6	6	TT	5.00-5	6	TT		
TBM700		LS	18 x 5.5	8	TL	5.00-5	10	TT		
UTVA	UTVA-75		LS	6.00-6		5.00-5				
YAKOVLEV	YAK12			595 x 185(-11)		TT	255 x 110(-3.1)		TT	
	YAK18			500 x 150(-9)		TT	400 x 150(-4.5)		TT	
	YAK50			500 x 150(-9)		TT	200 x 80(-2.8)		TT	
	YAK52			500 x 150(-9)		TT	400 x 150(-4.5)		TT	
	YAK55			400 x 150(-4.5)		TT	200 x 80(-2.8)		TT	

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) CH: Single Chine DCH: Dual Chine

Aircraft tire application data

COMMERCIAL AIRCRAFT

Manufacturer	Model	Series or popular name	Complementary Information	Speed Rating (mph)	Main Gear			Auxiliary Gear			
					Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
AEROSPATIALE	Caravelle		46 T	180	35 x 9.0-17	14		26 x 7.75-13	10	CH	
	Caravelle		48, 50, 52, 56 T	210	35 x 9.0-17	16		26 x 7.75-13	10	CH	
	Caravelle		58 T	210	35 x 9.0-17	18		26 x 7.75-13	10	CH	
	Concorde			279	47 x 15.75 R22.1	32		31 x 10.75-14	20		
AEROSPATIALE/ALENIA	ATR 42	300		190	32 x 8.8 R16	10		450 x 190-5	10		
	ATR 42	300	Alt	190	32 x 8.8 R16	10		435 x 190 R5	10		
	ATR 42	300/400/500		190	32 x 8.8 R16	12		450 x 190-5	10		
	ATR 42	300/400/500	Alt	190	32 x 8.8 R16	12		435 x 190 R5	10		
	ATR 42	300/400/500	Flotation	190	H34 x 10.0 R16	14		450 x 190-5	10		
	ATR 72			190	H34 x 10.0 R16	14		450 x 190-5	10		
AIRBUS INDUSTRIE	ATR 72		Alt	190	H34 x 10.0 R16	14		435 x 190 R5	10		
	A300	B2	137 T	210	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B2	137 T	210	46 x 16	24		40 x 14	22/24/28		
	A300	B2	142 T	210	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B2	142 T	210	46 x 16	26		40 x 14	22/24/28		
	A300	B4	145 T	235	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B4	145 T	235	46 x 16	28/30		40 x 14	22/24/28		
	A300	B4	150 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B4	150 T	225	46 x 16	28/30		40 x 14	22/24/28		
	A300	B4	153 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B4	153 T	225	46 x 16	28/30		40 x 14	22/24/28		
	A300	B4	157.5 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B4	157.5 T	225	46 x 16	28/30		40 x 14	22/24/28		
	A300	B4	157.5 T	225	49 x 17	30		40 x 14	22/24/28		
	A300	B4	157.5 T	225	49 x 19.0-20	32		40 x 14	22/24/28		
	A300	B4	160.9 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B4	160.9 T	225	46 x 16	28/30		40 x 14	22/24/28		
	A300	B4	165 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A300	B4	165 T	225	49 x 17	30/32		40 x 14	22/24/28		
	A300	B4	165 T	225	49 x 19.0-20	32		40 x 14	22/24/28		
	A300	600	144 T	225	49 x 17	30/32		40 x 14	22/24/28		
	A300	600	144 T	225	49 x 17	30/32		40 x 14.0 R16	22		
	A300	600	165.9 T	225	49 x 17	30/32		40 x 14	22/24/28		
	A300	600	165.9 T	225	49 x 17	30/32		40 x 14.0 R16	22		
	A300	600	165.9 T	225	49 x 19.0-20	32		40 x 14	22/24/28		
	A300	600	165.9 T	225	49 x 19.0-20	32		40 x 14.0 R16	22		
	A300	600	171.4 T	225	49 x 17	32/34		40 x 14	22/24/28		
	A300	600	171.4 T	225	49 x 17	32/34		40 x 14.0 R16	22		
	A300	600	172.6 T	225	49 x 17	32/34		40 x 14	22/24/28		
	A300	600	172.6 T	225	49 x 17	32/34		40 x 14.0 R16	22		
	A300	600	172.6 T	225	49 x 19.0-20	32/34		40 x 14	22/24/28		
	A300	600	172.6 T	225	49 x 19.0-20	32/34		40 x 14.0 R16	22		
	A310	200	125.9 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A310	200	125.9 T	225	46 x 16	26/28/30		40 x 14	22/24/28		
	A310	200	132.9 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A310	200	132.9 T	225	46 x 16	26/28/30		40 x 14	22/24/28		
	A310	200	132.9 T	225	49 x 17	26/28/30		40 x 14	22/24/28		
	A310	200/300	135.5 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A310	200/300	135.5 T	225	46 x 16	28/30		40 x 14	22/24/28		
	A310	200/300	135.5 T	225	49 x 17	28/30		40 x 14	22/24/28		
	A310	200/300	139.5 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A310	200/300	139.5 T	225	46 x 16	28/30		40 x 14	22/24/28		
A310	200/300	139.5 T	225	49 x 17	26/28/30		40 x 14	22/24/28			
A310	200	142.9 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22			
A310	200	142.9 T	225	46 x 16	28/30		40 x 14	22/24/28			
A310	200	144.9 T	225	46 x 16	28/30		40 x 14	22/24/28			
A310	300	150.9 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22			
A310	300	150.9 T	225	46 x 16	30		40 x 14	22/24/28			
A310	300	150.9 T	225	49 x 17	26/28/30		40 x 14	22/24/28			
A310	300	153.9 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22			
A310	300	153.9 T	225	46 x 16	30		40 x 14	22/24/28			
A310	300	153.9 T	225	49 x 17	30/32		40 x 14	22/24/28			

Tires are tubeless (TL) unless noted Codes: TT: Tube Type TL: Tubeless LS: Low Speed SH: Single Chine DCH: Dual Chine

Aircraft tire application data

COMMERCIAL AIRCRAFT



Manufacturer	Model	Series or popular name	Complementary Information	Speed Rating (mph)	Main Gear			Auxiliary Gear			
					Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
AIRBUS INDUSTRIE	A310	300	157.9 T	225	46 x 17.0 R20	32		40 x 14.0 R16	22		
	A310	300	157.9 T	225	46 x 16	30		40 x 14	22/24/28		
	A310	300	157.9 T	225	49 x 17	30/32		40 x 14	22/24/28		
	A310	300	160.9 T	225	49 x 17	30/32		40 x 14	22/24/28		
	A310	300	164.9 T	225	49 x 17	30/32		40 x 14	22/24/28		
	A319		64.4 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A319		64.4 T	225	46 x 16	28/30		30 x 8.8	16		
	A319		64.4 T	225	49 x 17	28/30		30 x 8.8	16		
	A319		64.4 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A319		68.4 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A319		68.4 T	225	46 x 16	28/30		30 x 8.8	16		
	A319		68.4 T	225	49 x 17	28/30		30 x 8.8	16		
	A319		68.4 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A319		68.4 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A319		70.4 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A319		70.4 T	225	46 x 16	28/30		30 x 8.8	16		
	A319		70.4 T	225	49 x 17	28/30		30 x 8.8	16		
	A319		70.4 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A319		74.4/75.9 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A319		74.4/75.9 T	225	46 x 16	28/30		30 x 8.8	16		
	A319		74.4/75.9 T	225	49 x 17	28/30		30 x 8.8	16		
	A319		74.4/75.9 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A320		66.4 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A320		66.4 T	225	46 x 16	30		30 x 8.8	16		
	A320		66.4 T	225	49 x 17	28/30		30 x 8.8	16		
	A320		66.4 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A320		66.4 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A320		67.4/68.4/70.4 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A320		67.4/68.4/70.4 T	225	46 x 16	30		30 x 8.8	16		
	A320		67.4/68.4/70.4 T	225	49 x 17	28/30		30 x 8.8	16		
	A320		67.4/68.4/70.4 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A320		67.4/68.4/70.4 T	225	1270 x 455 R22	30		30 x 8.8 R15	16		
	A320		71.9/73.9 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A320		71.9/73.9 T	225	915 x 300 R16	20		30 x 8.8 R15	16		
	A320		71.9/73.9 T	225	46 x 16	30		30 x 8.8	16		
	A320		71.9/73.9 T	225	49 x 17	28/30		30 x 8.8	16		
	A320		71.9/73.9 T	225	49 x 19.0-20	32		30 x 8.8	16		
	A320		71.9/73.9 T	225	36 x 11	22		30 x 8.8	16		
	A320		71.9/73.9 T	225	1270 x 455 R22	30		30 x 8.8 R15	16		
	A320		75.9 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16		
	A320		75.9 T	225	46 x 16	30		30 x 8.8	16		
	A320		75.9 T	225	49 x 17	28/30		30 x 8.8	16		
A320		75.9 T	225	49 x 19.0-20	32		30 x 8.8	16			
A320		75.9 T	225	1270 x 455 R22	30		30 x 8.8 R15	16			
A320		75.9 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16			
A320		77.4 T	225	46 x 17.0 R20	32		30 x 8.8 R15	16			
A320		77.4 T									

Aircraft tire application data

COMMERCIAL AIRCRAFT

Manufacturer	Model	Series or popular name	Complementary Information	Speed Rating (mph)	Main Gear			Auxiliary Gear			
					Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
	A330	- 300	215.9/217.9/218.9 T	235	1400 x 530 R23	36		1050 x 395 R16	28		
	A330	- 300	215.9/217.9/218.9 T	235	54 x 21.0-23	36					
	A330	- 300	230.9/233.9 T	235	1400 x 530 R23	36		1050 x 395 R16	28		
	A330	- 300	230.9/233.9 T	235	54 x 21.0-23	36					
	A340	- 200	254.4/257.9 T	235	1400 x 530 R23	32		1050 x 395 R16	28		
	A340	- 200	254.4/257.9 T	235	54 x 21.0-23	32					
	A340	- 200	260.9/275.9 T	235	1400 x 530 R23	36		1050 x 395 R16	28		
	A340	- 200	260.9/275.9 T	235	54 x 21.0-23	36					
	A340	- 300	254.4/257.9 T	235	1400 x 530 R23	32		1050 x 395 R16	28		
	A340	- 300	254.4/257.9 T	235	54 x 21.0-23	32					
	A340	- 300	260.9/262.9 T	235	1400 x 530 R23	36		1050 x 395 R16	28		
	A340	- 300	260.9/262.9 T	235	54 x 21.0-23	36					
	A340	- 300	271.9/275.9 T	235	1400 x 530 R23	36		1050 x 395 R16	28		
	A340	- 300	271.9/275.9 T	235	54 x 21.0-23	36					
ANTONOV	AN2				800 x 260 (-13)	6*	TT	470 x 210 (-5)	6*	TT	
	AN8				950 x 350	6*	TT	900 x 300	8*	TT	
	AN12				1050 x 300 (-20)	10*	TT	900 x 300	8*	TT	
	AN14				700 x 250 (-14)	6*	TT	700 x 250 (-14)	6*	TT	
	AN22				1750 x 730 (-24)	16*	TT	1450 x 580 (-20)	12*	TT	
	AN24				900 x 300 (-14.5)	8*	TT	700 x 250 (-14)	6*	TT	
	AN26				1050 x 400 (-14.5)	8*	TT	700 x 250 (-14)	6*	TT	
	AN28				720 x 320 (-9.7)	10*	TT	595 x 185 (-11)	4*	TT	
	AN32				1050 x 390 (-16)	8*		700 x 250 (-14)	6*	TT	
	AN74				1050 x 390 (-16)	10*		720 x 310	10*	TT	
	AN124				1270 x 510 (-22)	16*		1120 x 450 (-19)	14*		
	AN225				1270 x 510 (-22)	20*		1120 x 450 (-19)	18*		
BOEING	707	120		210	46 x 16	24		39 x 13	14		
	707	320B		210	46 x 16	26/28		39 x 13	16		
	707	320C		210/225	46 x 16	28/30		39 x 13	16		
	717	200/300		225	H41 x 15.0-19	24		26 x 6.6	12		
	720			210	40 x 14	24		34 x 9.9	12		
	720	B		210	40 x 14	24		39 x 13	14		
	727	100		210	49 x 17	26/28		32 x 11.5-15	12		CH
	727	100/QC		210	49 x 17	26/28		32 x 11.5-15	12		CH
	727	100/QC		210	50 x 20.0-20	26/30		32 x 11.5-15	12		CH
	727	200/C		210	49 x 17	28/30		32 x 11.5-15	12		CH
	727	200/C		225	49 x 17	28/30/32		32 x 11.5-15	12		CH
	727	200/C		210	50 x 21.0-20	28/30		32 x 11.5-15	12		CH
	737	100		210	40 x 14	24		24 x 7.7	14/16		
	737	200		210/225	40 x 14	24		24 x 7.7	16		
	737	200		210	C40 x 18.0-17	24		C24.5 x 8.5-12	14		
	737	200		210	C40 x 14.0-21	24		24 x 7.7	16		
	737	200	Flotation	210	42 x 15	24		24 x 7.7	16		
	737	200		210/225	40 x 14	28		24 x 7.7	16		
	737	200		210/225	H40 x 14.5-19	24		24 x 7.7	16		
	737	300		225	H40 x 14.5-19	24		27 x 7.75-15	10		
	737	300		225	H42 x 16.0-19	24/26		27 x 7.75-15	10		
	737	400		225	H40 x 14.5-19	26		27 x 7.75-15	12		
	737	400	High Gross Wt	225	H42 x 16.0-19	26		27 x 7.75-15	12		
	737	500		225	H40 x 14.5-19	24		27 x 7.75-15	12		
	737	300/400/500	Alt	225				27 x 7.75 R15	12		
	737	600	New Generation	225	H43.5 x 16.0-21	26		27 x 7.75-15	12		
	737	600 Alt	New Generation	225	H44.5 x 16.5-21	28		27 x 7.75 R15	12		
	737	700	New Generation	225	H43.5 x 16.0-21	26		27 x 7.75 R15	12		
	737	700 IGW	New Generation	225	H44.5 x 16.5-21	28		27 x 7.75 R15	12		
	737	800	New Generation	225	H44.5 x 16.5-21	28		27 x 7.75 R15	12		
	737	900	New Generation	225	H44.5 x 16.5-21	28		27 x 7.75 R15	12		
	737	700/800/900	Alt	225				27 x 7.75 R15	12		
	747	SP	613 klb	210/225	46 x 16	28/30		49 x 17	28/30		
	747	SP	663 klb-673 klb	210/225	46 x 16	28/30		49 x 17	30		
	747	SP	696 klb-705 klb	210/225	46 x 16	28/30		49 x 17	30/32		
	747	SR	523 klb-613 klb	210/225	49 x 17	28/30		49 x 17	28/30		
	747	100	713 klb	210/225	46 x 16	28/30		46 x 16	28/30		
	747	100	738 klb	210/225	46 x 16	30/32		46 x 16	30/32		

Tires are tubeless (TL) unless noted Codes: TT: Tube Type * Actual Number of Plies LS: Low Speed CH: Single Chine DCH: Dual Chine

Aircraft tire application data

COMMERCIAL AIRCRAFT



Manufacturer	Model	Series or popular name	Complementary Information	Speed Rating (mph)	Main Gear			Auxiliary Gear			
					Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
BOEING	747	100	753 klb	210/225	46 x 16	30/32		46 x 16	30/32		
	747	200	778 klb	225/235	49 x 17	30/32		49 x 17	30/32		
	747	200	788 klb	225/235	49 x 17	30/32		49 x 17	30/32		
	747	200	803 klb-808 klb	225	49 x 17	30/32		49 x 17	30/32		
	747	200	823 klb	225/235	49 x 17	30/32		49 x 17	30/32		
	747	200	823 klb	225/235/245	49 x 19.0-20	32		49 x 19.0-20	32		
	747	200	836 klb	235/245	49 x 19.0-20	32		49 x 19.0-20	32		
	747	200	836 klb	235/245	49 x 19.0-20	34		49 x 19.0-20	34		
	747	300	836 klb	235	49 x 19.0-20	32		49 x 19.0-20	32		
	747	400		235	H49 x 19.0-22	32		H49 x 19.0-22	32		
	747	400	Combi	235	H49 x 19.0-22	32		H49 x 19.0-22	32		
	747	400	Freighter	235	H49 x 19.0-22	32		H49 x 19.0-22	32		
	747	400	ER 910 klb	235	50 x 20.0 R22	34		50 x 20.0 R22	34		
	757	200		210/225	H40 x 14.5-19	24/26		H31 x 13.0-12	20		
	757	300		235	H40 x 14.5-19	26		H31 x 13.0-12	20		
	767	200		225	H45 x 17.0-20	26		H37 x 14.0-15	22/24		
	767	200		225	H46 x 18.0-20	26/28		H37 x 14.0-15	22/24		
	767	200	ER	225	H46 x 18.0-20	32		H37 x 14.0-15	24		
	767	300		225	H46 x 18.0-20	28		H37 x 14.0-15	24		
	767	300	ER	225c	H46 x 18.0-20	32		H37 x 14.0-15	24		
	767	400	ER	235	50 x 20.0 R22	32		H37 x 14.0-15	24		
	777	200		235	50 x 20.0 R22	26		42 x 17.0 R18	26		
	777	200, 200	ER	235	50 x 20.0 R22	32		42 x 17.0 R18	26		
	777	300		235	52 x 20.5-23	36		43 x 17.5 R17	32		
	777	300	ER	235	52 x 20.5-23	36		43 x 17.5 R17	32		
BRITISH AEROSPACE SYSTEMS	ATP			190	H34 x 12.0-14	14		22 x 6.75-10	8		
	BAC-111	200		210	40 x 12	16		24 x 7.25-12	10		CH
	BAC-111	300/400		210	40 x 12	18		24 x 7.25-12	10		CH
	BAC-111	475		210	44 x 16	18		24 x 7.7	12		CH
	BAC-111	500,510		210	40 x 12	20		24 x 7.25-12	10		CH
	BAe-146		RJ70 / RJ85 / RJ100	190	39 x 13	18/22		24 x 7.7	14		
	BAe-146		RJ70 / RJ85 / RJ100	190	42 x 15	16/18		8.50-10	12		
	Trident	1C		210	34 x 9.5-18	14		29 x 8.0-15	12		
	Trident	1E, 2E, 3B		210	36 x 10.0-18	16		29 x 8.0-15	12		
	Vanguard			LS	17.00-20	22		33 x 9.75-16	10		
	VC-10			210	50 x 18	24		39 x 13	16		
	VC-10	Super		225	50 x 18	26		39 x 13	16		
	Viscount			LS	36 x 10.75-16.5	16		24 x 7.25-12	10		
CASA	C-212	Aviocar		160	11.00-12	10		24 x 7.7	8		
	CN-235			160	28 x 9.0-12	12		24 x 7.7	12/14		
CONVAIR	CV240			LS	34 x 9.9	12	TT	26 x 6.0	10		TT
	CV340			LS	12.50-16	12	TT/TL	7.50-14	8		TT/TL
	CV440			LS	12.50-16	12	TT/TL	7.50-14	8		TT/TL
	CV540			LS	12.50-16	12	TT/TL	7.50-14	8		TT/TL
	CV580/600			LS	12.50-16	14	TT/TL	7.50-14	8		TT/TL
	CV580/600	Alt		LS	39 x 13	14		7.50-14	8		TT/TL
	CV880			210	39 x 13	20		29 x 7.7	12		
	CV880	M		210	39 x 13	22		29 x 7.7	12		
	CV990			210	41 x 15.0-18	22/24		29 x 7.7	16		
FAIRCHILD DORNIER	DO 328	100	Turbo Prop	190	24 x 7.7	14		19.5 x 6.75-8	10		
	DO 328	100	Turbo Prop	190	25.5 x 8.75-10	14		19.5 x 6.75-8	10		
	DO 328	300/310	Jet	210	25.75 x 6.75-14	14		19.5 x 6.75-8	10		
	DO 328	300/310	Jet	210	26 x 6.6 R14	14		19.5 x 6.75-8	10		
FAIRCHILD AIRCRAFT	SA227-DC	Metro 23		160	19.5 x 6.75-8	10		18 x 4.4	10		CH
FAIRCHILD HILLER	F.27/FH227			LS	9.50-16	12		8.50-10	10		
	F.27/FH227		Alt		39 x 13	14		24 x 7.7	10		
FOKKER	F-27	Friendship		190	34 x 10.75-16	10		28 x 9.0-12	8		
	F-27	Friendship	Alt	190	37 x 11.75						

Aircraft tire application data

COMMERCIAL AIRCRAFT

Manufacturer	Model	Series or popular name	Complementary Information	Speed Rating (mph)	Main Gear			Auxiliary Gear				
					Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design	
FOKKER	F-28	Friendship	Mk2000,5000,6000	210	40 x 14	14/16		24.5 x 8.5-10	10		CH	
	F50			190	34 x 10.75-16	12		24 x 7.7	6			
	F70			225	H40 x 14.0-19	18		24 x 7.7	10		CH	
	F100			225	H40 x 14.0-19	20		24 x 7.7	10		CH	
ILYUSHIN	IL14				840 x 300 (-16)	8*	TT	770 x 330 (-10)	8*	TT		
	IL14M				865 x 270 (-17)	8*	TT	770 x 330 (-10)	8*	TT		
	IL18 & 18D				930 x 305 (-16)	10*	TT	700 x 250 (-14)	6*	TT		
	IL62 & 62M				1450 x 450 (-24.8)	18*	TT	930 x 305 (-16)	10	TT		
	IL76				1300 x 480 (-20)	12*	TT	1100 x 330 (-20)	10*			
	IL78				1300 x 480 (-20)	12*	TT	1100 x 330 (-20)	10*			
	IL86				1300 x 480 (-20)	18*		1300 x 480 (-20)	18*			
	IL96-300				1300 x 480 (-22)	18*		1300 x 480 (-22)	18*			
	IL96 M/T				235	H49 x 19.0-22	32		H49 x 19.0-22	32		
	IL114					880 x 315 (-14.2)	6*		620 x 180 (-12)	4*		
IPTN ¹	N-250			190	37 x 11.75-16	12		7.00-8	16			
LOCKHEED	Constellation			LS	17.00-20	24	TT/TL	34 x 9.9	10			
	L-100, L382			210	56 x 20.0-20	24		39 x 13	14			
	L-1011	Tristar		225	50 x 20.0-20	34/36		36 x 11	22			
	L-1011	Tristar		225	52 x 20.5-20	34/36		37 x 13.0-16	26			
	L-1011-1	Tristar		225	50 x 20.0-20	32		36 x 11	20			
	L-188			LS	13.50-16	24		7.50-14	10			
	L-188			210	40 x 14	24		28 x 7.7	10/14			
	MC DONNELL DOUGLAS (BOEING)	DC-3			LS	17.00-16	10	TT/TL	9.00-6	10	TT	
	DC-4			LS	15.50-20	14/16	TT	44"	12	TT		
	DC-6B&7			LS	15.50-20	20	TT	44"	14	TT		
DC-7C			LS	17.00-20	20/22/24		15.00-6	14				
DC-8			210	44 x 16	26		34 x 11	18				
DC-8	HV/50F		225	44 x 16	28		34 x 11	20/22				
DC-8	61		225	44 x 16	30		34 x 11	22				
DC-8	62		225	44 x 16	30/32		34 x 11	22				
DC-8	62H		225	44.5 x 16.5	30		34 x 11	22				
DC-8	63		225	44 x 16	32		34 x 11	22				
DC-8	63		225	44.5 x 16.5	30		34 x 11	22				
DC-9	10 (11-12-14-15)			210/225	40 x 14	20		26 x 6.6	8		CH	
DC-9	30 (31)			210/225	40 x 14	22		26 x 6.6	8/10		CH	
DC-9	30 (32)			225	40 x 14	24		26 x 6.6	10		CH	
DC-9	30 (33-41)			225	40 x 14	22/24		26 x 6.6	10		CH	
DC-9	Flotation			210	42 x 15	22		26 x 6.6	10		CH	
DC-9	50			225	41 x 15.0-18	22/24		26 x 6.6	10		CH	
DC-10	10			225	50 x 20.0-20	32/34/36		37 x 14.0-14	24			
DC-10	30, 40			235	52 x 20.5-23	26/28/30		40 x 15.5-16	26/28			
MD-11				235	H54 x 21.0-24	36		40 x 15.5-16	28			
MD-80, 81, 82				225	H44.5 x 16.5-20	24/26		26 x 6.6	12			
MD-83				225	H44.5 x 16.5-20	28		26 x 6.6	12			
MD-87				225	H44.5 x 16.5-20	28		26 x 6.6	12			
MD-88				225	H44.5 x 16.5-20	28		26 x 6.6	12			
MD-90				225	H44.5 x 16.5-21	26/28		26 x 6.6	12			
NAMC ² (NIHON)	YS-11			LS	39 x 13	14		24 x 7.7	10			
YS-11E				LS	39 x 13	14		24 x 7.7	10			
TUPOLEV	TU 134				930 x 305 (-16)	10*	TT	660 x 200 (-12)	8*	TT		
	TU 154				930 x 305 (-16)	10*	TT	800 x 225 (-16)	8*	TT		
	TU 154M				930 x 305 (-16)	10*	TT	800 x 225 (-16)	8*	TT		
	TU 154M				950 x 300 (-16)	12*		800 x 225 (-16)	8*	TT		
	TU 204				1070 x 390 R480			840 x 290-361	10*			
	TU 204			225	H40 x 14.5 R19	24		840 x 290-361	10*			
	TU 214/214C				1070 x 390 R480			840 x 290-361	10*			
	TU 214/214C			225	H40 x 14.5 R19	24		840 x 290-361	10*			
	TU 334				1070 x 390 R480			680 x 260-335				
	TU 334			225	H40 x 14.5 R19	24		680 x 260-335				
YAKOVLEV	YAK 40				1120 x 450 (-19)	10*	TT	720 x 310 (-9.7)	10*	TT		
	YAK 42				930 x 305 (-16)	10*	TT	930 x 305 (-16)	10*	TT		

1.IPTN: Industri Pesawat Terbang Nusantara
Codes: TT: Tube Type TL: Tubeless
2.NAMC: Nihon Aeroplane Manufacturing Company
*Actual Number of Plies LS: Low Speed
Tires are tubeless (TL) unless noted
CH: Single Chine DCH: Dual Chine

Aircraft tire application data



MILITARY AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
AERITALIA	F-104		275	26 x 8.0-14	18	TL	18 x 5.5	14	TL	
	G-91Y		210	27.5 x 10.5-12	14	TL	9.00-10	10	TL	
AERMACCHI	MB.326		160	545 x 175-10	12	TL	380 x 150-4	6	TL	
	MB.339		160	545 x 175-10	12	TL	380 x 150-4	6	TL	
AERO INDUSTRY DEVELOPMENT CENTER	AT-3		215	24 x 8.0-13	18	TL	18 x 6.5-8	12	TL	
	Ching-Kuo		215	24 x 8.0-13	18	TL	18 x 6.5-8	12	TL	
	F-5E		265	24 x 8.0-13	18	TL	18 x 6.5-8	12	TL	
AEROSPATIALE	Nord	Paris	150	12.50-16	12	TL	9.00-6	8	TT	
	Epsilon		LS	15 x 6.0-6	6		5.00-4	6		
AEROSPATIALE/DASA	C.160	Transall	160	15.00-16	10	TL	12.50-16	10	TL	
AERO VODOCHODY	L39/ L139	Albatros		610 x 215			450 x 165			
	L59/ L159	Alca		610 x 215			460 x 180			
AGUSTA	SF.260		LS	6.00-6	6	TT	5.00-5 6		TT	
ALENIA	G.222/C-27		190	39 x 13	14/16	TL	29 x 11.0-10	10	TL	
ALENIA/LOCKHEED	F-104S	Starfighter	275	26 x 8.0-14	18	TL	18 x 5.5	14	TL	
ALENIA/AERMACCHI/ EMBRAER	AMX		200	670 x 210-12	18	TL	18 x 5.5	12	TL	
ANTONOV	AN12			1050 x 300 (-20)	10*	TT	900 x 300 (-14.5)	8*	TT	
	AN124			1270 x 510 (-22)	16*		1120 x 450 (-19)	14*		
	AN14			700 x 250 (-14)	6*	TT	700 x 250 (-14)	6*	TT	
	AN2			800 x 260 (-13)	6*	TT	470 x 210 (-5)	6*	TT	
	AN32			1050 x 390 (-16)	8*	TL	700 x 250 (-14)	6*	TT	
	AN70			1120 x 450 (-19)	14*		1120 x 450 (-19)	14*		
	AN72			1050 x 390 (-16)	10*	TT	720 x 310 (-9.7)	10*	TT	
	AN74			1050 x 390 (-16)	10*	TT	720 x 310 (-9.7)	10*	TT	
	AN8			950 x 350 (-17.7)	8*	TT	900 x 300-14.5)	6*	TT	
	BEECH	T-34B	Mentor	LS	6.50-8	6	TT	5.00-5	4	TT
	T-34C	Mentor	LS	19.5 x 6.75-8	10	TL	5.00-5	6	TL	
	T-42A	Cochise	LS	6.50-8	6	TL	5.00-5	6	TL	
	U-8F	Seminole	LS	8.50-10	8	TT	6.50-10	6	TT	
	VC6A	King Air	LS	8.50-10	8	TL	6.50-10	6	TT/TL	
BELL HELICOPTER	XV-15			6.50-8	8	TL	5.00-4	6	TT	
TEXTRON										
BERIEV	A50			1300 x 480 (-20)		TT	1100 x 330 (-20)		TT	
	BE42	Albatros		1030 x 350			840 x 290			
BOEING	B-47E	Stratojet	250	56 x 16	38	TL	26 x 6.6	14	TT	
	B-52F, G, H	Stratofortress	250	56 x 16	38	TL	32 x 8.8	16	TT	
	C-135	Stratolifter	225	49 x 17	26	TL	38 x 11	14	TL	
	KC-135	Stratotanker	225	49 x 17	26	TL	38 x 11	14	TL	
	C97D	Stratofreighter	250	56 x 16	32	TT	36"	12	TT	CH
	E-3A	AWACS	225	46 x 16	28	TL	39 x 16	16	TL	
	E-4A	747	225	49 x 17	30	TL	49 x 17	30	TL	
	T-43	737	210	40 x 14	24	TL	24 x 7.7	14	TL	
	VC-137C		225	46 x 16	28	TL	39 x 13	16	TL	
	YC14	STOL	190	B40 x 18.0-16	20	TL	B40 x 18.0-16	20	TL	
BREGUET	1050		160	6.50-10	12	TT	6.50-10	12	TT	
BAE SYSTEMS	145	Jet Provost		21 x 6.75-9	10	TL	6.00-4	12	TT	
	167	Strikemaster		21 x 6.75-9	10	TL	6.00-4	12	TT	
	AV-8A/GR3	Harrier I	230	26 x 7.75-13	8	TL	26 x 8.75-11	16	TL	
	AV-8A/GR3	Harrier I	230				13.5 x 6.0-4	14	TL	Outrigger
	Bulldog		LS	6.00-6	4	TT	5.00-5	4	TT	
	Dominie		210	23 x 7.0-12	10	TL	18 x 4.25-10	6	TL	CH
	FRS.Mk	Sea Harrier	230	26 x 7.75-13	8	TL	26 x 8.75-11	12/16	TL	
	FRS.Mk	Sea Harrier	230				13.5 x 6.0-4	12/14	TL	Outrigger
	Hawk 60		LS	6.50-10	14	TL	16 x 4.4	8	TL	
	Hawk 100			6.50-10	14	TL	16 x 4.4	8	TL	
Hawk 200										

Aircraft tire application data

MILITARY AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
BAE SYSTEMS	AV-8B/GR5	Harrier II	230	26 x 7.75-13	10	TL	26 x 8.75-11	16	TL	
MC DONNELL DOUGLAS	AV-8B/GR5	Harrier II	230				13.5 x 6.0-4	14	TL	Outrigger
CASA	C-101	Aviojet		24 x 7.7	12	TL	18 x 5.5	8	TL	
	C-212	Aviocar	160	11.00-12	10	TL	24 x 7.7	8	TL	
	CN-235		160	28 x 9.0-12	12	TL	24 x 7.7	14	TL	
	CN-235 (Flotation)		160	11.00-12	10	TL	8.50-10	12	TL	
CESSNA	206		LS	6.00-6	6	TT	6.00-6	6	TT	
	A-37A, B		LS	7.00-8	16	TL	6.00-6	6	TT	
	O-1 E	Bird Dog	LS	8.00-6	6	TL	8 x 3.0-4	4	TT	
	O-2A, B		LS	6.00-6	8	TL	15 x 6.0-6	4	TT	
	T-37B		160	20 x 4.4	12	TL	16 x 4.4	6	TT	
	T-41A	Skyhawk	LS	6.00-6	4	TL	5.00-5	4	TL	
	T47A	Citation II	190	22 x 8.0-10	12	TL	18 x 4.4	10	TL	DCH
	U-17A	Skywagon	LS	6.00-6	6	TT	10.00"	8	TT	CH
	U-3B		LS	6.50-10	6	TT	6.00-6	6	TT	
DASSAULT AVIATION	Alphajet	Up to 7T	162	615 x 225 R10		TL	365 x 150 R4		TL	
	Alphajet	Up to 7T	162	615 x 225-10	12	TL	380 x 150-4	8	TL	
	Alphajet Export	8T	206	615 x 225 R10		TL	365 x 150 R4		TL	
	Alphajet Export	8T	206	615 x 225 R10		TL	380 x 150-4	8	TL	
	Atlantic	Breguet 1150	160	39 x 13	22	TL	26 x 8.0-13		TL	
	Jaguar	Jaguar	244	615 x 225-10	12	TL	550 x 250-6	12	TL	
	Jaguar	Jaguar	244	615 x 225 R10	12	TL	535 x 250 R6		TL	
	Mirage F1		233	600 x 155 R13		TL	360 x 135 R6		TL	
	Mirage F1		233	605 x 155-13	10	TT	360 x 135-6		TL	
	Mirage III, V, 50		262	750 x 230 R15		TL	435 x 190 R5		TL	
	Mirage III, V, 50		262	750 x 230-15	14	TL	450 x 190-5	10	TL	
	Mirage IV		268	640 x 170-14	14	TL	18 x 5.5	12	TL	
	Mirage 2000		246	750 x 230 R15		TL	360 x 135 R6		TL	
	Mirage 2000		262	750 x 230-15	14	TL	360 x 135-6		TL	
	Rafale A		224	810 x 275 R15		TL	550 x 200 R10		TL	
	Rafale B, C		242	790 x 275 R15		TL	360 x 135 R6		TL	
	Rafale B, C Alt		242	790 x 275-15	20	TL	360 x 135-6		TL	
	Rafale M		226	790 x 275 R15		TL	520 x 140 R10.5		TL	
	Super Etendard		189	30 x 7.7 R16		TL	490 x 155 R9		TL	
	Super Etendard		189	30 x 7.7-16		TL	490 x 155-9		TL	
DEHAVILLAND Canada (Bombardier)	C-7A	Caribou	LS	11.00-12	8	TL	7.50-10	6	TL	
	C-8A	Buffalo	LS	15.00-12	10	TL	8.90-12.50	6	TL	
	U-1A	Otter	LS	11.00-12	6	TT	6.00-6	6	TT	
	U-6A	Beaver	LS	8.50-10	6	TT	5.50-4	8	TT	
	E-9A, CC-142, CT-142		160	31 x 9.75-13	12	TL	22 x 6.5-10	6	TL	
DORNIER	DO 28		LS	8.50-10	8	TT	5.00-4	6	TT	
EMBRAER	EMB-121	Xingu	160	670 x 210-12	10	TT	16 x 4.4	6	TT	
	EMB-312	Tucano	160	6.50-10	8	TT	5.00-5	6	TT	
	EMB-326	Xavante	160	21.5 x 7.0-10	12	TL	5.00-4.5	6	TL	
	EMB 145 RS / MP		210	30 x 9.50-14	16	TL	19.5 x 6.75-8	8	TL	
	U-19	Ipanema	160	8.50-10	8	TT	10"		TT	
EUROFIGHTER	EFA	Prototype	235	28 x 9.5 R15		TL	18 x 7.75 R6		TL	
	EFA - TYPHOON	Production	253	30.5 x 10.5 R17		TL	20 x 8.5 R6.5		TL	
FABRICA MILITAR DE AVIONES	IA 63	Pampa		6.50-10	10	TL	380 x 150-4	6	TL	
FAIRCHILD AIRCRAFT	A-10A	Thunder Bolt II	200	36 x 11	22	TL	24 x 7.7	14	TL	
	C-26A/B		160	19.5 x 6.75-8	10		18 x 4.4	10	TL	CH
	C-119J	Flying Boxcar	160	15.50-20	14	TT	9.50-16	10	TT	
	C-123B	Provider	160	17.00-20	22	TT/TL	11.00-12	8	TT	
	C-123J	Provider	160	17.00-20	22	TT/TL	9.50-16	10	TT	
	F105	Thunder Chief	250	36 x 11	24	TL	24 x 7.7	14	TL	
	F84F	Thunder Streak	225	30 x 6.6	14	TT	20 x 4.4	12	TT/TL	
FLUG & FAHRZEUGWERKE AG	AS.202	Bravo	LS	6.00-6	6	TT	5.00-5	6	TT	

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) CH: Single Chine DCH: Dual Chine

Aircraft tire application data



MILITARY AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
FUJI	LM-1	Nikko	LS	6.50-8	6	TT	5.00-5	6	TT	
	T-3		LS	6.50-8	6	TT	5.00-5	4	TT	
	T-34		LS	6.50-8	6	TT	5.00-5	6	TT	
GAF ¹	Nomad	Nomad	LS	8.00-6	8	TT	8.00-6	8	TT	
GENERAL DYNAMICS	B-58A	Hustler	268	22 x 7.7-12	16	TL	22 x 7.7-12	16	TL	
	RB-57F	Canberra	200	44 x 13	26	TT	24 x 5.5	12	TT	
	C131A	Samaritan	160	34 x 9.9	14	TL	26 x 6.6	14	TL	
	C131B, C, D, E, F	Samaritan	160	12.50-16	12	TT	7.50-14	8	TT	
	C-131H		160	39 x 13	16	TL	7.50-14	8	TT/TL	
	F-111A		225	47 x 18-18	30	TL	22 x 6.6-10	16	TL	
	F-16A, B	Fighting Falcon	230	25.5 x 8.0-14	18	TL	18 x 5.5	14	TL	
	F-16A, B	Fighting Falcon	230	25.5 x 8.0-14	20	TL	18 x 5.7-8	18	TL	
	F-16A, B, C, D	Fighting Falcon	250	25.5 x 8.0 R14	20	TL	18 x 5.7-8	18	TL	
	F-16C, D	Fighting Falcon	250	25.5 x 8.0-14	20	TL	18 x 5.7-8	18	TL	
	F-16 Block 40/50/60	Fighting Falcon	259	27.75 x 8.75-14.5	24	TL	18 x 5.7-8	18	TL	
	F-16 Block 40/50/60	Fighting Falcon	259	27.75 x 8.75 R14.5	24	TL	18 x 5.7-8	18	TL	
	F-102A	Delta Dagger	250	30 x 8.8	22	TT	24 x 5.5	12	TT	
	F-106A	Delta Dart	250	30 x 8.8	22	TT	18 x 4.4	12	TT	
	F-111A		250	47 x 18.0-18	30	TL	21 x 7.25-10	20	TL	
	FB-111A		250	47 x 18.0-18	36	TL	21 x 7.25-10	20	TL	
	FB-111B		250	47 x 18.0-18	36	TL	21 x 7.25-10	20	TL	
	T-29D		160	34 x 9.9	14	TL	26 x 6.6	14	TT	
GRUMMAN	A-6E	Intruder	160	36 x 11	24	TL	20 x 5.5	12/14	TL	
	C-1A	Trader	160	34 x 9.9	14	TT	18 x 5.5	12	TT	
	C-2A	Greyhound	160	36 x 11	24	TL	20 x 5.5	12/14	TL	
	E-1B	Tracer	160	34 x 9.9	14	TT	18 x 5.5	12	TT	
	E-2C	Hawkeye	160	36 x 11	24	TL	20 x 5.5	12/14	TL	
	E-16B	Intruder	160	36 x 11	24	TL	20 x 5.5	16	TL	
	EA-6B	Prowler	160	36 x 11	24	TL	20 x 5.5	12	TL	
	F-11A	Tiger	200	26 x 6.6	16	TL	18 x 5.5	8	TL	
	F-14A	Tomcat	219	37 x 11.5-16	28	TL	22 x 6.6-10	20	TL	
	F-14B (A+)	Tomcat	219	37 x 11.5-16	28	TL	22 x 6.6-10	20	TL	
	HU-16E	Albatross	160	40 x 12	14	TT	26 x 6	10	TT	
	OV-1C, D, E	Mohawk	LS	8.50-10	12	TL	6.50-8	8	TT	
	S-2	Tracker	160	34 x 9.9	14	TT	18 x 5.5	12	TT	
HAWKER SIDDELEY	Andover		160	34 x 11.75-14	12	TL	8.50-10	8	TT	
	Andover		160	32 x 10.75-14	12	TL	8.50-10	8	TT	
	Buccaneer		208	35 x 10.0-17	26	TL	24 x 6.6-12	20	TL	
	H S-748		LS	32 x 10.75-14	12	TL	8.50-10	8	TT	
	Hunter		215	29 x 6.25-16	14	TT	19 x 6.25-9	10	TT	
	Nimrod		174 kt	36 x 10.0-18	20	TL	30 x 9.0-15	10	TL	
	Sea Fury		LS	30 x 9.0-15	10	TL	13.5 x 4.25-6	8	TT	
HELIO	U-10A	Courier	LS	6.50-8	6	TT	10.00"	8	TT	
IAI ²	ARAVA		160	11.00-12	10	TL	9.00-6	10		
	Kfir/Cheetah/Pantera		257	750 x 230-15	22	TL	450 x 230-5	22	TL	
ILYUSHIN	IL38			930 x 305 (-16)	10*	TT	800 x 225 (-16)	8*	TT	
	IL78			1300 x 480 (-20)	12*	TT	1100 x 330 (-20)	10*		
KAWASAKI	P-3C		200	40 x 14	28	TL	28 x 7.7	14	TL	
	T-4			22 x 5.5		TL	18 x 4.4	10	TL	
LMAASA (FMA)	IA58	Pampa	120	6.50-10	10	TL	380 x 150-4	6	TL	
LOCKHEED MARTIN	AH56A	Cheyenne	160	29 x 11.0-10	10	TL	5.00-4	8	TL	
	C-5A, B	Galaxy	200	49 x 17	26	TL	49 x 17	26	TL	
	C-130	Hercules	210	56 x 20.0-20	24	TL	39 x 13	14	TL	
	C-130A, B, D, E	Hercules	200	20.00-20	22	TT	12.50-16	12	TL	
	C-130H,K,N,P	Hercules	200	20.00-20	26	TL	12.50-16	12	TL	
	C-130J	Hercules	200	20.00-20	26	TL	12.50-16	12	TL	
	C-140A, B	Jetstar	200	26 x 6.6	14	TL	18 x 4.4	10	TL	CH
	C-141A, B	Starlifter	200	44 x 16	28	TL	36 x 11	22	TL	

Aircraft tire application data

MILITARY AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
LOCKHEED MARTIN	F-104C,D,J,DJ	Starfighter	275	25 x 6.75	18	TL	18 x 5.5	14	TT	
	F-104G	Starfighter	275	26 x 8	16	TL	18 x 5.5	14	TL	
	F-117A	Nighthawk		32 x 9.75-18	22	TL	22 x 6.6-10	18	TL	
	L-1011-Tanker	Tristar-Tanker	225	52 x 20.5-20	36	TL	37 x 13.0-16	28	TL	
	P-2H	Neptune	160	56"	20	TL	34 x 9.9	14	TL	
	P-3A	Orion	200	40 x 14	26	TL	28 x 7.7	14	TL	
	P-3B, C, F, K	Orion	200	40 x 14	28	TL	28 x 7.7	14	TL	
	S-3A, 3B	Viking	248	30 x 11.5-14.5	24/26	TL	22 x 6.75-10	18	TL	
	SR-71A, B	Blackbird	275	27.5 x 7.5-16	22	TL	25 x 6.75	16	TL	
	T-33	Shooting Star	200	26 x 6.6	14	TT	22 x 7.25-11.5	8	TT	
LTV	A-7A, B, E	Corsair II	172	28 x 9.0-12	22	TL	22 x 5.5	12	TL	
	A-7D, H, P	Corsair II	200	28 x 9.0-14	22	TL	22 x 5.5	10	TL	
	F-8	Crusader	200	26 x 6.6	16	TL	20 x 5.5	14	TL	
MBB/RFB ¹	XC142A		LS	11.00-12	8	TL	8.50-10	10	TL	
	M400			15 x 6.0-6	6	TT	5.00-5	6	TT	
MC DONNELL DOUGLAS	M600			15 x 6.0-6	6	TT	5.00-5	6	TT	
	A-1	Skyraider	160	32 x 8.8	16	TT	12.5 x 4.5	14	TT	Tailwheel
	A-3	Skywarrior	200	44 x 13	26	TL	32 x 8.8	18	TT	
	A-4B, C	Skyhawk	200	24 x 5.5	16	TT	18 x 5.7-8	14	TL	
	A-4M	Skyhawk	200	24 x 6.5-14	18	TT	18 x 5.7-8	14	TL	
	B-26	Counter Invader	160	15.50-20	14	TT	36"	12	TT	CH
	B-66	Destroyer	225	49 x 17	26	TL	36 x 11	24	TT	
	C-9A	Nightingale	160	40 x 14	24	TL	26 x 6.6	10	TL	CH
	C-17	Globemaster	210	50 x 21.0-20	30	TL	40 x 16-14	26	TL	
	C-47	Skytrain	160	17.00-16	12	TT	9.00-6	10	TT	
	C-54	Skymaster	160	15.50-20	14	TT	44"	12	TT	CH
	C-124	Globemaster	160	25.00-28	30	TT	15.50-20	14	TL	
	DC-3	Dakota	LS	17.00-16	12	TT	9.00-6	10	TT	
	F-4B	Phantom II	248	30 x 8.0	26	TL	18 x 5.7-8	14/18	TL	
	F-4C, D, E, G	Phantom II	248	30 x 11.5-14.5	24/26	TL	18 x 5.5	14	TL	
	F-4J	Phantom II	248	30 x 11.5-14.5	26	TL	18 x 5.7-8	14/18	TL	
	F-6A	Skyray	200	26 x 6.6	16	TL	22 x 5.5	12	TT	
F-101A, C	Voodoo	275	32 x 8.8	24	TL	18 x 5.5	14	TL		
F-101B, F	Voodoo	275	31 x 11.5-16	22	TL	18 x 5.5	14	TL		
F-15A, B, C, D	Eagle	260	34.5 x 9.75-18	26	TL	22 x 6.6-10	18	TL		
F-15E	Eagle	261	36 x 11 R18	30	TL	22 x 7.75 R9	26	TL		
F-15E	Eagle	260	36 x 11-18	30	TL	22 x 7.75-9	26	TL		
F-18 C,D,E,F	Hornet	248	30 x 11.5-14.5	24/26	TL	22 x 6.6-10	20	TL		
KC-10	Extender	235	52 x 20.5-23	30	TL	40 x 15.5-16	28	TL		
P5B	Marlin	160	15.50-20	14	TT	10.00-7	12	TT		
T-45A	Goshawk	185	24 x 7.7	20	TL	19 x 5.25-10	12	TL		
C/VC-118	Liftmaster	160	15.50-20	20	TL	44"	12	TL	CH	
MIKOYAN	MIG 21			8.00 x 2.00(-16.3)	8*	TT	500 x 180(-9.8)	6*	TT	
	MIG 23, 23M			840 x 290(-14.1)	12*	TL	520 x 125(-11.4)	6*	TT	
	MIG 25	Foxbat		950 x 300(-18.4)	14*	TL	660 x 200(-13.1)	8*	TT	
	MIG 27	Flogger		840 x 360(-14.2)	12*	TL	570 x 140(-12)	8*	TT	
	MIG 29	Fulcrum		840 x 290(-14.1)	12*	TL	570 x 140(-12)	8*	TT	
	MIG 29 SM/K	Fulcrum		840 x 290(-16)	12*	TL	570 x 140(-12)	8*	TT	
	MIG 31	Foxhound		1300 x 360(-25.5)	14*	TL	700 x 200(-13.1)	8*	TT	
MITSUBISHI	F-4EJ	Phantom II	248	30 x 11.5-14.5	24/26	TL	18 x 5.5	14	TL	
	F-15J		260	34.5 x 9.75-18	26	TL	22 x 6.6-10	18	TL	
	FS-X		259	27.75 x 8.75 R14.5	24	TL	18 x 5.7-8	18	TL	
	H-60J		LS	26 x 10.0-11	12	TL	15 x 6.0-6	6	TT	
MUDRY	CAP 10		LS	15 x 6.0-6	6	TT				
	CAP 20		LS	15 x 6.0-6	6	TT				
NORTHROP	B2B	Spirit		43 x 16.0-20	28	TL	34 x 14.0-14	26	TL	
	F-5A, B	Freedom Fighter	250	22 x 8.5-11	16	TL	18 x 6.5-8	12	TL	
	F-5E	Tiger II	265	24 x 8.0-13	18	TL	18 x 6.5-8	12	TL	
	T-38A/B	Talon	225	20 x 4.4	12/14	TL	18 x 4.4	6	TL	
	T6A	Talon	225	20 x 4.4	12/14	TL	18 x 4.4	6	TL	

1. MBB/RFB : Messerschmitt Bolkow Blohm/Rhein Flugzeugbau
 Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) *Actual Number of Plies CH: Single Chine DCH: Dual Chine

Aircraft tire application data



MILITARY AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	Special design
NORTHROP	T-38A/B	Talon	225	20 x 4.4 R12	14	TL	18 x 4.4	6	TL	
	F-20	Tiger Shark	265	24 x 8.0-13	18	TL	18 x 6.5-8	12	TL	
NORTHROP-GRUMMAN	B-2		174Kt	43 x 16.0-20	28	TL	34 x 14.0-12	24	TL	
	PANAUIA	Tornado	NETMA	235	30 x 11.5-14.5	26	TL	18 x 5.5	14	TL
		Tornado	NETMA	235	30 x 11.5 R14.5	26	TL	18 x 5.5	14	TL
		Tornado	Holliman	276	30 x 11.5 R14.5	26	TL	18 x 5.5	14	TL
PIAGGIO	Tornado	Hot & High	276	30 x 11.5-14.5	26	TL	18 x 5.5	14	TL	
	PD-808		190	24 x 7.7	14	TL	18 x 5.5	10	TL	
	PILATUS	PC-7		160	6.50-8	8	TT	6.50-8	8	TT
PC-9			160	20 x 4.4	8	TL	16 x 4.4	8	TL	
PIPER	U-11A	Aztec	LS	7.00-6	8	TT	6.00-6	4	TT	
PZL-MIELEC	I22/M93/M95	Iryda		670 x 210(-12)			430 x 170			
PZL-WARSZAWA	PZL130	Orlik		500 x 200		TL	500 x 200		TL	
ROCKWELL	B-1B		276	B46 x 16.0-23.5	30	TL	35 x 11.5-16	22	TL	
	INTERNATIONAL	F-86	Sabre	200	26 x 6.6	14	TL	22 x 7.25-11.5	8	TL
F-100		Super Sabre	250	30 x 8.8	22	TL	18 x 4.4	12	TL	
OV-10(A-F)		Bronco	160	29 x 11.0-10	10	TL	7.50-10	12	TL	
RA5C		Vigilante	200	36 x 11	28	TL	26 x 6.6	16	TL	
Shuttle			259	44.5 x 16.0-21	34	TL	32 x 8.8	20	TL	
T-2 (B, C, D, E)		Buckeye	160	24 x 5.5	12	TL	20 x 4.4	10	TL	
T-39 Sabreliner			200	26 x 6.6	14	TL	18 x 4.4	6	TL	
T-28A, D Trojan			160	24 x 7.7	10	TT	24 x 7.7	10	TT	
U-4A Aero Commander			160	8.50-10	6	TT	6.00-6	6	TT	
X-15							18 x 4.4	12	TT	Skids
SAAB-SCANIA	XB70A	Valkyrie	225	40 x 17.5-18	40	TL	14 x 4.5-8	8	TL	
	J 32B	Lansen		32 x 9.5-16	14	TL				
	J 35	Draken	200	30 x 7.7	14	TL	22 x 5.5	10	TT	
	J 35	Draken	200				10.00"	8	TT	Tailwheel
	JA 37	Viggen	174kt	26 x 6.6	14	TL	18 x 5.5	12	TL	
	JA 37	Viggen	174k	26 x 6.6 R14	14	TL	18 x 5.5	12	TL	
	JAS 39	Gripen	217	25.5 x 8.0-14	16	TL	14 x 5.5-6	8	TL	
SAAB 105		160	24 x 7.7	10	TL	6.00-6	8	TL		
SHORTS	223	Tucano	160	22 x 6.75-10	8	TL	5.00-5	14	TT	
	S-312	Sherpa	190	34 x 10.75-16	12	TT	9.00-6	10	TT	
SIAI-MARCHETTI	S.211		LS	6.50-8	8	TL	5.00-5	10	TL	DCH
	S.211A		160	6.50-8			5.00-5			DCH
	SF.260		LS	6.00-6	6	TT	5.00-5	6	TT	
	SM.1019		LS	7.00-6	6	TT	8 x 3.0-4			Tailwheel
SOCATA	TB30	Eplison	LS	15 x 6.0-6	6	TT	5.00-4	6	TT	
	TB31	Omega	LS	15 x 6.0-6	6	TT	5.00-5	6	TT	
SUKHOI	SU 17			880 x 230(-18.5)	12*	TT	660 x 200(-13.1)	8*	TT	
	SU 20	Fitter		880 x 230(-18.5)	12*	TT	660 x 200(-13.1)	8*	TT	
	SU 22			880 x 230(-18.5)	12*	TT	660 x 200(-13.1)	8*	TT	
	SU 24	Fencer		950 x 300(-18.4)	10*	TT	660 x 200(-13.1)	8*	TT	
	SU 25 / 39	Frogfoot		840 x 360(-14.2)	12*	TL	660 x 200(-13.1)	8*	TT	
	SU 27	Flanker		1300 x 350(-19.6)	14*	TL	680 x 260(-14)	8*	TL	
	TUPOLEV	TU 16 Badger			1100 x 330(-19.9)	12*	TT	900 x 275(-16)	10*	TT
TU 22 Blinder				1160 x 290(-24.5)	12*	TT	1000 x 280(-19.6)	10*	TT	
TU 22 M Backfire				1030 x 350(-19.6)	14*	TL	1000 x 280(-19.6)	10*	TT	
TU 95 Bear				1450 x 450(-24.8)	18*	TT	1100 x 330(-20)	10*	TL	
TU 95 Bear				1500 x 500(-24.7)	18*	TT	1140 x 350(-19.9)	10*	TT	
TU 142 Bear				1100 x 330(-19.9)	10*	TL	1140 x 350(-19.6)	10*	TT	
VALMET	TU 160 Blackjack			1260 x 425(-21.7)	18*	TL	1080 x 400(-18.3)	14*	TL	
	L-70		LS	6.00-6	6	TT	5.00-5	4	TT	
YAKOVLEV	L-90		LS	17.5 x 6.25-6	6	TL	5.00-5	6	TT	
	YAK 38			660 x 230(-13.2)	8*		660 x 155(-13.2)	8*		
	YAK 38M			660 x 230(-12)	10*		570 x 140(-12)	8*		
	YAK 130			660 x 230(-13.2)			550 x 150(-9)			

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) *Actual Number of Plies CH: Single Chine DCH: Dual Chine

Aircraft tire application data

ROTARY WING AIRCRAFT

Manufacturer	Model	Popular Name	Speed Rating (mph)	Main Gear			Auxiliary Gear			Special design
				Tire Size	Ply Rating	TT/TL	Tire Size	Ply Rating	TT/TL	
AGUSTA	A109A		LS	360 x 315-6		TL	360 x 315-6		TL	
	A129		LS	8.50-10	6	TL				
	CH-47C		LS	8.50-10	12	TT	8.50-10	12	TT	
	H-3		LS	6.50-10	6	TL	6.00-6	8	TT	
	H-3/S-61		LS	6.50-10	6	TL	6.00-6	8	TT	
Bell Helicopter Textron	214		LS	19.5 x 6.75-8	10	TT	5.00-5	10	TT	
	B222		LS	6.00-6	8	TT	5.00-5	10	TT	
	XVI 5		LS	6.50-8	8	TL	5.00-4	6	TT	
BOEING HELICOPTER	CH-46F	Sea Knight	LS	18 x 5.5	8	TL	18 x 5.5	8	TL	
	CH-47A	Chinook	LS	22 x 5.5	12	TL	16 x 4.4	8	TT	
	CH-47B	Chinook	LS	8.50-10	8	TT	8.50-10	8	TT	
	CH-47C, D	Chinook	LS	8.50-10	12	TT	8.50-10	12	TT	
	234	Chinook	LS	8.50-10	12	TT	8.50-10	12	TT	
DENEL	AH2A	Rooivalk	LS	615-225-10	12	TL	6.00-6	8	TL	
EUROCOPTER	SA.319	Alouette III	160	355 x 150-4	4	TT	355 x 150-4	4	TT	
	SA.321	Super Frelon	LS	7.00-6	8	TL	7.00-6	8	TL	
	SA.330	Puma	LS	7.00-6	8	TL	7.00-6	8	TL	
	AS.332	Super Puma	LS	615 x 225-10	12	TL	7.00-6	8	TL	
	SA 332 L	Super Puma	LS	615 x 225-10	8	TL	7.00-6	8	TL	
	SA360	Dauphin	LS	355 x 150-4			260 x 80-4			
	AS.365 M	Dauphin 2	LS	380 x 150-6	6	TT	13 x 5.0-4			
	SA 365 N	Dauphin 2	LS	380 x 150-6	6	TT	13 x 5.0-4			
	SA 365 N	Dauphin 2 Alt	LS	15 x 6.0-5	6	TT				
	AS.366 G	Dauphin	LS	15 x 6.0-6	6	TT	5.00-4	6	TT	
	AS.366 G	Dauphin Alt	LS	380 x 150-6	8	TT	330 x 130-4	6	TT	
	AS 532	Cougar	LS	615 x 225-10	12	TL	7.00-6	8	TL	
	AS.565	Panther	LS	15 x 6.0-6	8	TT	5.00-4	6	TT	
	665	Tigre	LS	23 x 9.0-8	10	TL	5.00-5	8	TL	
KAMAN	HH-2D	SeaSprite	LS	17.5 x 6.25-11	8	TL	5.00-5	6	TT	
	HH-43B	Huskie	LS	5.00-5	10	TT	5.00-5	10	TT	
	HH-43F	Huskie	LS	5.00-5	10	TT	5.00-5	10	TT	
	SH-2D	SeaSprite	LS	17.5 x 6.25-11	8	TL	5.00-5	6	TT	
	SH-2F	SeaSprite	LS	17.5 x 6.25-11	8	TL	5.00-5	6	TT	
	SH-2G	Super SeaSprite	LS	17.5 x 6.25-11	8	TL	5.00-5	6	TT	
	UH-2C	SeaSprite	LS	17.5 x 6.25-11	8	TL	5.00-5	6	TT	
KAWASAKI	CH-47J	Chinook	LS	8.50-10	12	TT	8.50-10	12	TT	
	KV-107/II		LS	18 x 5.5	8	TL	18 x 5.5	8	TL	
MC DONNELL DOUGLAS HELICOPTER	AH-64A	Apache	LS	8.50-10	10	TL	5.00-4	14	TL	Taiwheel
	AH-64D	Longbow	LS	8.50-10	10	TL	5.00-4	14	TL	Taiwheel
MI	MI 24		LS	720 x 320(-9.7)	10*	TT	480 x 200	4*	TT	
	MI 26		LS	1120 x 450(-19)	10*	TT	900 x 300	8*	TT	
	MI 8		LS	865 x 280(-17)	8*	TT	595 x 185	4*	TT	
NH INDUSTRY	NH 90		LS	615 x 225-10	12*	TT	6.00-6	10*	TT	
SIKORSKY	CH-53A, D	Sea Stallion	LS	8.50-10	10	TL	8.50-10	10	TL	
	CH-53E	Super Stallion	LS	8.50-10	12	TL	8.50-10	12	TL	
	H-34	Choctaw	LS	11.00-12	8	TT	6.00-6	6	TT	
	H-3B, D, E	Sea King	LS	6.50-10	6	TL	6.00-6	8	TL	
	H-54A	Skycrane	LS	12.50-16	12	TL	8.50-10	10	TL	
	H-54B	Skycrane	LS	8.50-10	12	TL	8.50-10	12	TL	
	S-58		LS	11.00-12	8	TT	6.00-6	6	TT	
	S-61		LS	6.50-10	6	TL	6.00-6	8	TT	
	S-70A		LS	26 x 10.0-11	12	TL	15 x 6.0-6	6	TT	
	S-76		LS	14.5 x 5.5-6	12	TL	5.00-4	12	TL	
	S-76B		LS	14.5 x 5.5-6	14	TL	5.00-4	14	TL	
	H-76	Eagle	LS	14.5 x 5.5-6	14	TL	5.00-4	14	TL	
	HH-52A		LS	6.50-10	6	TL	5.00-5	6	TT	
	HH-53B, C, H	Sea Stallion	LS	8.50-10	10	TL	8.50-10	10	TL	
	SH60B	Seahawk	LS	26 x 10.0-11	10	TL	6.00-6	8	TL	
	UH-60A	Blackhawk	LS	26 x 10.0-11	12	TL	15 x 6.0-6	6	TT	
	WESTLAND	Commando		LS	6.50-10	6	TL	6.00-6	8	TL
Lynx		Mk2, 3, 8	LS	18 x 5.5	6	TT	13.5 x 4.25-6	6	TT	
Lynx		Mk9	LS	8.50-10	10	TL	6.00-6	8	TL	
Scout			LS	13.5 x 4.25-6	8	TT	4.00-3.5	4	TT	
Sea King			LS	6.50-10	10	TL	6.00-6	8	TL	
Sea King Mk1			LS	6.50-10	6	TL	6.00-6	8	TL	
Wessex			LS	11.00-12	6	TT	6.00-6	6	TT	
Westland 30			LS	6.50-10	10	TL	6.00-6	8	TL	

Codes: TT: Tube Type TL: Tubeless LS: Low Speed (Less than 160 mph) *Actual Number of Plies

Helpful conversion factors



	Unit	Conversion	Unit	Unit	Conversion	Unit
Length	in (inch)	x 25.4	= mm	mm (millimeter)	x 0.03937	= in
	ft (foot)	x 0.3048	= m	m (meter)	x 3.281	= ft
	yd (yard)	x 0.9144	= m	m	x 1.0936	= yd
	mi (mile)	x 1.6094	= km	km (kilometer)	x 0.6214	= mi
	nautical mile	x 1.1515	= mi (mile)	mi (mile)	x 0.8684	= nautical mile
	nautical mile	x 1.8532	= km	km	x 0.5396	= nautical mile
Speed	mph (mile per hour)	x 1.6094	= km/h	km/h (kilometer per hour)	x 0.6214	= mph
	mph (mile per hour)	x 0.4470	= m/s	m/s (meter per second)	x 2.2371	= mph
	mph (mile per hour)	x 0.8684	= kt	kt (knot)	x 1.1515	= mph
	kt (knot)	x 1.8532	= km/h	km/h	x 0.5396	= kt
	kt (knot)	x 0.5144	= m/s	m/s	x 1.9440	= kt
	ft/s (foot per second)	x 1.0973	= km/h	km/h	x 0.9113	= ft/s
	ft/s (foot per second)	x 0.3048	= m/s	m/s	x 3.2808	= ft/s
Acceleration	ft/s ² (foot per second)	x 0.3048	= m/s ²	m/s ²	x 3.2808	= ft/s ²
Mass	oz (ounce)	x 28.349	= g	g (gram)	x 0.0353	= oz
	lb (pound)	x 0.4536	= kg	kg (kilogram)	x 2.2046	= lb
	lg ton (long ton = 2240 lb)	x 1.0160	= T	T (metric tonne)	x 0.9842	= lg ton
	sh ton (short ton = 2000 lb)	x 0.9072	= T	T	x 1.1023	= sh ton
Load	lb	x 4.4482	= N	N (Newton)	x 0.2248	= lb
Torque	ln.oz (inch.ounce)	x 0.007064	= N.m	N.m (Newton.mètre)	x 0.001416	= in.oz
	ln.lb (inch.pound)	x 0.1130	= N.m	N.m	x 8.850	= in.lb
Inertia	Slug.in ² (slug.square inch)	x 0.0094	= kg.m ²	Kg.m ² (kilogram.square meter)	x 106.20	= Slug.in ²
Pressure	psi (pound per square inch)	x 0.06897	= bar	bar (=100 kPa : kiloPascal)	x 14.4992	= psi
	psi (pound per square inch)	x 0.0703	= kg / cm ²	kg / cm ²	x 14.2247	= psi
	bar	x 1.0193	= kg / cm ²	kg / cm ²	x 0.981	= bars
Temperature	(°F (degree Fahrenheit) -32)	x 0.5556	= °C	°C (degree centigrade)	(x 1.8) + 32	= °F

Note

A series of horizontal dotted lines for writing notes.





Headquarters

Michelin Aircraft Tyre
23, place des Carmes-Déchaux
63040 Clermont-Ferrand Cedex 9 - France
Tel: 33 (0)4 73 32 76 40 - Fax: 33 (0)4 73 32 76 42

Commercial Offices

North, Central and South America :

Michelin Aircraft Tire Corporation
1305 Perimeter Road
Greenville, SC 29605 - United States
Tel: 1 864 422 7000 - Fax: 1 864 422 7071

Europe, Middle East and Africa:

Michelin Aircraft Tyre
23, place des Carmes-Déchaux
63040 Clermont-Ferrand Cedex 9 - France
Tel: 33 (0)4 73 32 76 36 - Fax: 33 (0)4 73 32 76 44

Far East and Oceania:

Michelin Aircraft Tyre Asia
SPE Tower 12th Floor
252 Phaholyothin Road
Samsaen Nai, Payathai
Bangkok 10400 - Thailand
Tel: (66 2) 619-3530 - Fax: (66 2) 619-3069

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